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THE 1985 NATIONAL EMS DATA SUMMARY

ADMINISTRATIVE STRUCTURE, FUNCTIONS AND BUDGET SOURCES OF STATE EMERGENCY MEDICAL SERVICES OFFICES

Produced by the National EMS Clearinghouse

1985

ADMINISTRATIVE STRUCTURE, FUNCTIONS AND BUDGET SOURCES OF STATE EMERGENCY MEDICAL SERVICES OFFICES

This report represents a first effort by the NASEMSD to conduct a nationwide comprehensive survey of emergency medical services in the U.S. The NASEMSD plans to periodically resurvey the states in order to develop updated versions of this report. The reader is urged to notify the Association with recommendations for improving future reports, including obtaining survey information for subject areas not included in this report.

The National EMS Clearinghouse is a service of the National Association of State
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PREFACE

Emergency Medical Services across the nation have evolved into sophisticated systems with multiple components that work together in order to save human lives. To enhance the effectiveness of the emergency medical services, the National Association of State Emergency Medical Services Directors (NASEMSD) has recognized the need for states to exchange information on successful and best practices in emergency medical services and for states of geographical proximity to assist each other in their efforts to respond quickly and expertly to emergency situations.

To foster communication and information exchange across the nation and ultimately to increase the effectiveness of emergency services, the NASEMSD, with financial support from the National Disaster Medical System, surveyed all state emergency medical services directors concerning emergency medical services programs in their state. The survey covered the following components of EMS:

1) State EMS Office Functioning
2) Transportation
3) Communications
4) EMS and Disaster Preparedness
5) Evaluation/Information Systems
6) Public Information/Education
7) Training
8) Facilities

The survey project was undertaken with the support of Tom Harmelink former Director of Emergency Medical Services, North Carolina and former President of NASEMSD.

The NASEMSD Clearinghouse Committee assumed responsibility for the project. The committee is chaired by Sam Channell, Associate Director, Emergency Medical Services, West Virginia. The survey was written by members of a sub-committee of the NASEMSD Clearinghouse Committee. Members on the sub-committee are: Chair, Drew Dawson, Chief, Emergency Medical Services Bureau, Montana; Barak Wolff, Chief, Emergency Medical Services Bureau, New Mexico; and Dan Manz, Director, Emergency Medical Services, Vermont.

Reports from the survey were compiled and written by Fran Berry, Director, The National EMS Clearinghouse and Ellen Hume, Associate Director, the National EMS Clearinghouse. Typing and data entry assistance were provided by Pat Bancroft and Joy Pettit. We extend appreciation to Ms. Bancroft and Ms. Pettit for their hard work.

The survey compilation resulted in six reports. They are: 1) Administrative Structure, Functions and Budget Sources of State Emergency Medical Services Offices; 2) State Emergency Medical Services Transportation Systems; 3) State Emergency Medical Services Information and Public Education Systems; 5) The Training of State Emergency Medical Service Personnel; and 6) State Emergency Medical Services Facilities and Regulatory Control.

We hope these reports will be a useful resource to those involved in emergency medical services in the states.

Paul Anderson, President
National Association of State
Emergency Medical Services
Directors

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INTRODUCTION

The past decade has seen rapid change in the structures and functions of state emergency medical services (EMS) offices. During this decade, there existed little or no comparative information about the administrative structures, functions, financial resources, and staffing patterns of the offices. Thus, there has existed a need for state EMS directors, and other state officials involved in EMS services, to compile and share information on state EMS systems.

To provide this information to state officials and administrators involved in EMS across the states, the National Association of State EMS Directors (NASEMSD) developed and distributed to state EMS Directors a questionnaire survey covering several aspects of state emergency medical services. Survey reports from the completed questionnaires were compiled by NASEMSD staff. The result of the compilation is six separate reports covering the following components of EMS:

(1) Structure, Function, and Budget Sources of State EMS Offices;

(2) EMS Transportation Systems;

(3) EMS Communications Systems and Levels of Preparedness for Disaster;

(4) EMS Information and Public Education Systems;

(5) EMS Personnel Training, and

(6) EMS Facilities and Regulatory Control.

These reports are available through the NASEMSD at The Council of State Governments, Iron Works Pike, P.O. Box 11910, Lexington, KY 40578.

This report provides information on the current status of state emergency medical services (EMS) in the U.S. It gives a state-by-state overview of emergency medical services including how EMS offices and their councils are structured within the state, what the purposes, objectives and responsibilities of the state and regional offices are, the office staffing patterns, and sources of funding for EMS.

STRUCTURE, FUNCTIONS AND BUDGET SOURCES OF STATE EMS OFFICES

All U.S. states and territories have a state EMS office. As Table I indicates, a variety of methods are used across the states to officially create these offices, with the predominant method employed being state legislation (i.e., 37 states). Ten states created their EMS office through administrative action, and three states, Maryland, Nebraska and Wyoming, created their office through executive order. Colorado is the only state that utilized a combination of legislation and administrative action to create its office (see Table I).

Regional EMS Councils

As Table I indicates, all but 11 states are divided into multiple EMS regions. Regional councils are appointed to serve or govern the region. The councils' budgets come from a variety of sources including the state EMS office budget, state appropriations, local government appropriations, fees for services and, in some instances, grants and donations supplement the budget.

The majority of states staff their regional offices by hiring regional employees. Eleven regional offices employ state personnel and a few councils have no paid staff. Volunteer workers are utilized in Arkansas, Wisconsin and Wyoming.

The responsibilities of the state councils vary somewhat from state to state. A majority of states list education/training as a major function of the councils. And, in a majority of the states the council serves in an advisory capacity to the central office. Other duties of the councils include serving as a planning agency, certifying EMS personnel, licensing and inspecting EMS vehicles, and providing informational programs to the public. For a complete list of the responsibilities of EMS councils, see Table 1.

Funding Sources of EMS Offices

With the exception of two states, Louisiana and Minnesota, all states report that a major funding source for EMS offices are appropriations from the state general fund. Louisiana is the only state that reported the EMS office depends entirely on the Federal Preventive Block Grant (FPBG) for funding. Minnesota also funds some of its EMS activities out of this grant, but the major funding source in Minnesota is the state special fund and monies from the Department of Transportation. In most states, funding for EMS activities comes from a variety of sources.

Table I

STRUCTURE OF STATE EMERGENCY MEDICAL SERVICES

								(Numbers are in thousands) ..EMS OFFICE FUNDING SOURCES..			
STATE	STATE POPULATION (in millions)	EMS OFFICE CREATED THRU	% DOT MONIES USED BY EMS	NO. OF REGIONAL COUNCILS	REGIONAL COUNCILS FUNDING SOURCES	STAFFING PATTERN REG. COUN.	MAJOR FUNCTIONS OF COUNCIL	GENERAL* FUND $	SPECIAL* FUND $	FPBG $	DOT $
Alabama	2.5-5	Legislation	0-1%	6	A=87% B=13%	F=39	2/3/7/8/ 9/10/11[1]	180	0	20	35
Alaska	<1	Legislation	0%	6	B=80% C=10% D=10%	F=30 G=9	1/2/3/4/ 7/8/9/10	2,550	900	0	0
Arizona											
Arkansas	1-2.5	Legislation	0%	1	D=100%	M=10	9	273		24	
California	>10	Legislation	UN	0	---	---	---	1,350	0	1,730	170
Colorado	2.5-5	Legislation Adm. Action	---	---	---	H	1/3/6/7/ 8/9/10	171.7	0	99.8	0
Connecticut	2.5-5	Legislation	10%	5	A=100%	F=20	1/2/3/7/8	1,000	0	160	100
Delaware	<1	Legislation	0%	3	---[2]	H	1/8	15.5	0	0	0
Florida	>10	Adm. Action	0%	0	---	---	---	750	6,500	0	0
Georgia	5-10	Legislation	0%	10	K=100%	F=20 G=21 H=10[6]	1/2/3/7/8/ 9/10/11[3]	603	0	1,060.5	0
Hawaii	1-2.5	Legislation	UN	0	---	---	---	13,347	0	271.8	0
Idaho	1-2.5	Legislation	5-7%	0	---	---	---	350	600	0	50
Illinois	>10	Legislation	---	0	---	---	---	680	0	0	200
Indiana	5-10	Legislation	10%	---	B=42%[4] C= 3% D= 5% N=50%	F=15	1/2/3/7/ 8/9/10	745.3	0	250	400

Explanation of Symbols:

A=Dedicated State Revenues
B=By State EMS Office
C=By Local Governments
D=Fees for Service
E=Other (see footnotes)
F=Regional Employees
G=State Employees
H=No Paid Staff
K=Grants
L=Donations
M=Voluntary
N=Local Health Care Providers
P=Purely Voluntary
1=Advisory
2=Education/Training
3=Planning
4=Personnel Certification
5=Vehicle Service Licensing
6=Vehicle Inspection
7=Public Education/Information
8=Advocacy
9=Communications Coord.
10=Disaster Management
11=Other
UN=Unknown

FPBG: Federal Preventive Block Grant
DOT: Federal Department of Transportation

*General and special funds refer to state funds

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Iowa	2.5-5	Adm. Action	UN	6	B=75% C= 5% D= 5% K=15%	F=10	1/2/3/7/8	170	0	200	30
Kansas	1-2.5	Legislation	0%	4	A C	F	1/2/3/7/8/9	290	0	0	0
Kentucky	2.5-5	Legislation	0%	2	C D	F=5	1/2/3/7/8/9/10	1,795.6	69.4	0	0
Louisiana	2.5-5	Legislation	---	0	---	---	---	0	0	848.02	0
Maine	1-2.5	Legislation	23%	6	B=40% C D	F=11	1/2/3/7/8/9/10	60	---	420	---
Maryland	2.5-5	Exec. Order	UN	5	B=100%	G=13	1/8	3,300	0	220	110
Massachusetts	5-10	Legislation	0%	6	B=75% D=20%	F=13	1/2/3/7/8/9/10/11[5]	650	0	1,050	0
Michigan	5-10	Legislation	5%	8	C=20%	G=32 H= 6[7]	1/2/7/8	500	0	450	50
Minnesota	2.5-5	Adm. Action	UN	8	B=100%[8]	F=8 H=1[7]	1/2/3/7/8/9	0	400	60	172
Mississippi	1-2.5	Legislation	0%	5	B C	F=12	1/2/3/7/8/9	140	1,030	300	0
Missouri	2.5-5	Legislation	7.5%	0	---	---	---	250	0	500	250
Montana	<1	Legislation	0%	2	---	H	1/3/8	311.7	0	182.6	0
Nebraska	1-2.5	Exec. Order	2%	6	B=95% C= 5%	F=15 G=4	2/3/7/8/9	220	0	700	5

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Nevada	<1	Legislation	UN	4	---	H	1/3/7/8	340	0	41	33
New Hampshire	<1	Legislation	0%	5	B=100%	F=14 G=5	1/2/3/4/5/6/7/8/9/10/11[9]	118	0	712	0
New Jersey	5-10	Adm. Action	10%	0	---	---	---	865	425	406	150
New Mexico	1-2.5	Legislation	0%	3	B=98% D= 2%	F=7 G=4	1/2/3/7/8/9/10/11[10]	400	500	730	0
New York	>10	Legislation	---	16	B=90% D= 2% L= 8%	F=13 F=11[7]	2/3/7/8	826	0	0	36
N. Carolina	5-10	Legislation	0%	18	B=67%[11] C=33%	F=19	1/2/3/7/8	2,430	0	440	0
North Dakota	<1	Adm. Action	11%	4	B=15% M=85%	H	2/7/8	124	0	0	110
Ohio	>10	Adm. Action	7%	1	C	F	2/7	50	0	50	260
Oklahoma											
Oregon	1-2.5	Legislation	UN	0	---	---	---	151	0	73	155
Pennsylvania	>10	Legislation	10%	16	B=69% C=30% D= 1%	F=112 G=9	2/3/6/7/9	330	1,890	910	50
Rhode Island	<1	Adm. Action	0%	---	---	H	1/8	270	35	0	0
S. Carolina	2.5-5	Legislation	9%	4	A=49% B=18% D= 4% K=29%	F=13	1/2/3/7/8	630	200	192	150

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South Dakota											
Tennessee	2.5-5	Legislation	12%	1	Other[12]	Other[12]	1/3/9	600	0	55	200
Texas	>10	Legislation	25%	10	C K	F=16 G=106	1/2/3/7/ 8/9/10	1,500	200	1,250	100
Utah	1-2.5	Legislation	4%	10	---	H	1/3/7	410	0	150	40
Vermont	<1	Legislation	27%	0	---	---	---	120	0	0	50
Virginia	5-10	Legislation	1-2%	8	B=60% C=40%	F=25	2/3/7/8/ 9/10	4,146	0	175	8
Washington	2.5-5	Legislation	0%	8	B[13] I=1	G=7	1/3/7/8	1,200	0	0	0
West Virginia	1-2.5	Legislation	12%	7	B=95% C= 5%	F=28	2/3/6/7/ 8/9/10	1,870	0	515	108
Wisconsin	2.5-5	Adm. Action	---	3	K=100%	F=2.5 M	1/2/3/7/8	230	0	100	80
Wyoming	<1	Exec. Order	10%	4	M=100%	M	1/8	215	0	105	5
Amer. Samoa											
Washington DC	<1	Legislation	0%	0	---	---	---	240	0	16	0
Guam	<1	Legislation	---	1	---	G=1 H=1[7]	1	20	0	0	0
Puerto Rico											
Virgin Is.	<1	Adm. Action	4%	0	---	---	---	70	---	---	---[7]

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Footnotes:

1. Monitoring medical control and accountability
2. No specific funding - volunteer representation
3. Designation of critical care centers
4. The budget includes a cash match of the balance of the EMS office contribution
5. Trauma center designation
6. All ten regional councils include some staff that are not paid
7. One or more of the regional councils include staff that are not paid
8. The budget includes an in-kind match of 50%
9. Policy-making body
10. Technical assistance
11. The budget includes a cash matching requirement
12. Funded and staffed by the Medical Society
13. Budget includes 50% cash match and 50% in-kind match requirement

State EMS Office Functions

As Table II indicates, most EMS offices are located within the State Department of Health or a related umbrella agency such as Department of Health and Welfare, Department of Health Services or Department of Health and Environmental Services. There are a few exceptions to this general rule. The Kansas EMS office is located within the Kansas Highway Patrol, in Maryland the office is located at the University of Maryland and the director reports to the chancellor of the university. In California the office is a separate state agency and in Indiana the EMS office is a separate state agency that reports directly to the governor.

The total budget for state EMS offices ranges greatly from a low in North Dakota of $234,000 with a total full-time staff of six individuals to a high in Virginia of $4,329,000 with 18 full-time staff. There appears to be little relationship between total budget and the number of full-time staff. For example, Pennsylvania has a total budget of over $3 million and employs nine individuals while Arkansas has a budget of less than $300,000 but employs 12 full-time staffers.

Most state EMS office budgets include monies from the Federal Preventive Health and Health Services Block Grant (FPHHSBG). Only Alaska, Delaware, Florida, Kansas, Nevada, North Dakota and the Virgin Islands do not, for one reason or another, include the FPHHSBG in their office budget. The Virgin Islands indicate that their non-use of this grant is not by choice.

Most states have created a statewide EMS Advisory Committee. The exceptions are Minnesota, Nebraska, Nevada, New Jersey and the Virgin Islands. In addition, the majority of states have divided their state into formally delineated EMS regions and have created EMS councils. In many cases the number of regions corresponds exactly to the number of active EMS councils so there is one council created per region. Exceptions to this rule are numerous. For example, Colorado has three regions but no councils and Montana has six regions with only two councils. Other exceptions are Arkansas, Delaware, Hawaii, Mississippi, Nevada, Ohio, Tennessee, Texas, Utah, Wisconsin, Wyoming, and the Virgin Islands.

TABLE II

STATE EMERGENCY MEDICAL SERVICES OFFICE FUNCTIONING

STATE	Total Budget	% of FPHHSB* util. by EMS	Total Staff	Active EMS Advisory Cmte.	No. of Formal EMS Regions	No. of Active EMS Councils	Structural Location of EMS Ofc.
Alabama	$ 235,000	14%	8.3	Yes	6	6	AL Dept. of Pub. Health
Alaska	$3,450,000	0%	9	Yes	6	6	Dept. of Health & Soc. Svcs.
Arizona							
Arkansas	$ 297,383	3%	12	Yes	0	1	St. Dept. of Health
California	$3,250,000	8%	15.6	Yes	9	---	Separate State Dept.
Colorado	$ 271,500	---	8	Yes	3	---	CO Dept. of Health
Connecticut	$1,260,000	10%	19.4	Yes	5	5	Dept. of Health Svcs.
Delaware	$ 15,500[1]	0%	3	Yes	0	3	Dept. of Hea. & Soc. Svcs.
Florida	750,000	0%	21	Yes	0	0	Dept. of Health & Rehab.
Georgia	$1,663,500	37%	17	Yes	10	10	Dept. of Human Resources
Hawaii	$ 353,140	36%	11	Yes	4	0	St. Dept. of Health
Idaho	$1,100,000	8-10%	13	Yes	3	---	Dept. of Health & Welfare
Illinois	$ 880,000	---	30	Yes	0	0	Dept. of Public Health
Indiana	$1,395,290	13.2%	19	Yes	10	---	Separate State Agy.[2]
Iowa	$ 400,000	2.5%	7.3	Yes	6	6	St. Dept. of Health
Kansas	$ 460,000	0%	8	Yes	4	4	Kansas Hgwy. Patrol
Kentucky							
Louisiana							
Maine	$ 500,000	46%	20	Yes	6	6	Dept. of Human Svcs.
Maryland	$3,630,000	---	69	Yes	5	5	Univ. of Maryland[3]
Massachusetts	$1,775,000	42.3%	22.6	Yes	6	6	Dept. of Public Health
Michigan	$1,000,000	10%	33	Yes	8	8	Dept. of Public Health
Minnesota	$ 632,000	---	12.1	No	8	8	Dept. of Health
Mississippi	$1,500,000	25.5%	7	Yes	6	5	Dept. of Health
Missouri	$1,000,000	25%	27	Yes	---	---	Dept. of Social Services
Montana	$ 524,251	---	9	Yes	6	2	Dept. of Health & Envir. Sc

Explanation of Symbols: ---: Information not provided

STATE	Total Budget	% of FPHHSB* util. by EMS	Total Staff	EMS Advisory Cmte.	No. of Formal EMS Regions	No. of Active EMS Councils	Location of EMS Ofc.
Nebraska	$ 925,000	25%	---	No	6	6	Dept. of Health, Div. EMS
Nevada	$ 414,000	---	5.5	No	5	4	State Health Division
New Hampshire	$1,057,339	65%	30	Yes	5	5	Div. Public Health Ser.
New Jersey	$1,847,700	20.3%	30.8	No	4	---	Div. of Local and Comm. Hea. Svc.
New Mexico	$1,630.000	70%	23.5	Yes	3	3	Dept. of Health and Environment
New York							
North Carolina	$2,880,000	16.5	39.8	Yes	18	18	Dept. of Human Resources
North Dakota	$ 234,000	0	6	Yes	4	4	Dept. of Health
Ohio	$ 360,000	2	11	Yes	0	1	Dept. of Health
Oklahoma							
Oregon	$ 418,000	---	6	Yes	0	0	State Health Div.
Pennsylvania	$3,180,000	28%	9	Yes	16	16	Dept. of Health
Rhode Island							
South Carolina	$ 970,000	17%	19	Yes	4	4	Dept. of Health & Envir. Control
South Dakota							
Tennessee	$ 675,000	4%	18	Yes	8	1	Dept. of Health & Envir.
Texas	$3,420,000	33%	332	Yes	24	10	Dept. of Health
Utah	$ 740,000	15%	16	Yes	0	10	Dept. of Health
Vermont	$ 170,000	---	4.5	Yes	0	---	Dept. of Health
Virginia	$4,329,000	7.5%	18	Yes	8	8	Dept. of Health
Washington	$1,200,000	---	16.5	Yes	8	8	Dept. of Social & Health Svc
West Virginia	$2,598,000	63%	12	Yes	7	7	Dept. of Health
Wisconsin	$ 410,000	8-9%	11	Yes	7	3	Dept. of Health & Social Svc
Wyoming	$ 325,000	60%	6	Yes	--	4	Dept. of Health & Social Svc
American Samoa							
D.C.	$ 256,000	6%	7	Yes	--	---	Comm. of Public Health
Guam							
Puerto Rico							
Virgin Islands	$ 510,000	0%	9	No	2	0	Dept. of Health

Explanation of Symbols: ---: Information not provided

Footnotes:

*Federal Preventive Health and Health Services Block Grant. The column gives the percent of funds received by the state through the FPHHSBG that is utilized by EMS.

[1] This amount does not include the salaries for three (3) full-time EMS personnnel.
[2] The Indiana State EMS Office is a separate agency that reports directly to the governor.
[3] The Maryland EMS Office reports to the Chancellor of the Baltimore Campus.

Staffing Patterns and Staff Responsibilities of EMS Offices

Table III describes the staffing patterns of EMS offices. All reporting states indicate that a minimum of one professional administrator and a part-time support staff person in administration are employed by the office. Outside of administration, EMS offices employ part-time or full-time personnel to function in a variety of capacities, including inspectors (34 states), trainers (45 states), planners and evaluators (34 states), communicators (45 states), disaster coordinators (19 states), public educators (29 states), injury control (4 states), field operators (29 states), and hospital or medical control (24 states).

Most states report that a primary responsibility of the personnel of EMS offices is to establish training standards for emergency medical technologists. Providing the actual training is a primary responsibility of the office in only 10 states; in the others, it is a secondary or minor responsibility (if a responsibility at all). However, certifying the training program is a primary responsibility of the EMS office in 42 states. Therefore, although the EMS office does not generally have significant responsibility for actual training of personnel, they tend to be responsible for the establishment of training standards and the certification of training programs (see Table IV).

Products Available Through State EMS Offices

All state or regional EMS offices develop and have available for public use a variety of informational and educational materials such as state laws, disaster plans, and EMS financial information. The products available from each state EMS office can be found in Table V.

Table III

STATE EMS OFFICE STAFFING PATTERN FOR FULL-TIME PERSONNEL

STATE	Administration	Facil/ Vehicle Inspec.	Trng. and Licen.	Plan./ and Eval.	Communications	Disas. Coord.	Public Info./ Educa.	Injury Control	Regional/ Field Operations	Hosp./ Medical Control	Other	Other
Alabama	P=1	P=1.5	P=2.5	---	---	---	---	---	---	---	---	---
	S=1	---	S=2	---	---	---	---	---	---	---	---	---
Alaska	P=2	P=0	P=1	P=1.5	P=0	P=0	P=1	P=.5	P=24	P=.25	---	---
	S=.5	S=0	S=1	S=.5	S=0	S=0	---	S=1	S=6	S=0	---	---
Arizona												
Arkansas	P=1	P=2	P=7	---	---	---	---	---	---	---	---	---
	S=2	---	---	---	---	---	---	---	---	---	---	---
California	P=2	---	---	P=4	---	P=6	---	---	---	---	---	---
	S=1	---	---	S=1.6	---	S=1	---	---	---	---	---	---
Colorado	P=1	---	P=1	---	P=1	---	---	---	P=3	---	---	---
	S=2	---	---	---	---	---	---	---	---	---	---	---
Connecticut	P=2	P=4	P=3	P=3	P=1.2	P=.8	P=.5	P=.5	P=1.5	P=.7	---	---
	S=.5	S=.5	S=.5	S=.3	S=.3	S=.2	S=.2	S=0	S=.5	S=.2	---	---
Delaware	P=2	---	---	---	---	---	---	---	---	---	---	---
	S=1	---	---	---	---	---	---	---	---	---	---	---
Florida	P=3	P=1	P=4	P=.75	P=0	P=0	P=.5	P=0	P=0	P=1.75	P=0	---
	S=3	S=1	S=5	S=.4	S=0	S=0	S=.1	S=0	S=0	S=.5	S=0	---
Georgia	P=3	P=3	P=4	---	---	---	---	---	P=20	P=1	P=1[a]	P=2[b]
	S=.5	S=.5	S=1	---	---	---	---	---	S=10	---	---	---
Hawaii	P=.75	P=.25	P=.25	P=.75	P=1	P=.25	P=.25	---	---	P=2.5	---	---
	S=2	---	---	S=.5	---	---	---	---	---	---	S=2.5[c]	---
Idaho	P=1	---	P=2	---	P=1	---	---	---	P=6	---	P=24[d]	---
	S=1	---	---	---	---	---	---	---	S=2	---	---	---
Illinois	P=1.25	P=2	P=3.25	P=.75	P=2	P=0	P=.75	P=0	P=8	P=0	P=1[e]	P=5[f]
	S=3	S=.50	S=.5	S=.25	S=.25	S=0	S=0	S=0	S=0	S=0	S=.25[e]	S=0
Indiana	P=2	P=1	P=2	P=.75	P=.75	P=.25	P=.25	P=0	P=5	P=0	P=1	---
	S=1.25	S=1.25	S=1.75	S=.75	S=0	S=0	S=0	S=0	S=1	S=0	---	---
Iowa	P=1.3	P=1	P=1	P=.5	P=.5	P=.5	P=.5	---	P=.5	---	---	---
	S=1.5	---	---	---	---	---	---	---	---	---	---	---

Symbols: P = Professional/Technical Staff
S = Support/Clerical Staff
--- = Information Not Provided

STATE	Adminis-tration	Facil/ Vehicle Inspec.	Trng. and Licen.	Plan./ and Eval.	Communi-cations	Disas. Coord.	Public Info./ Educa.	Injury Control	Regional/ Field Operations	Hosp./ Medical Control	Other	Other
Kansas	P=1	P=1	P=1	---	P=1	---	---	---	---	---	---	---
	S=1	S=1	S=2	---	---	---	---	---	---	---	---	---
Kentucky	P=1	---	P=1	P=1	---	---	---	---	---	---	---	---
	S=.5	---	S=1	S=.5	---	---	---	---	---	---	---	---
Louisiana	P=1	---	P=3	---	P=1	---	---	---	---	---	---	---
	S=1	---	---	---	---	---	---	---	---	---	---	---
Maine	P=1	P=1	P=1	P=2	---	---	---	---	P=6.5	P=.5	P=18	---
	S=1	S=1	---	S=1	---	---	---	---	S=4.5	---	---	---
Maryland	P=3	---	P=6	P=5	P=29	---	---	---	P=8	P=2	---	---
	S=3	---	S=4	S=1	S=2	---	---	---	S=5	S=1	---	---
Massachusetts	P=4	---	P=9.3	P=2	P=.5	---	P=1	---	P=1	P=.3	---	---
	S=2	---	S=1.5	S=.5	S=0	---	---	---	---	---	---	---
Michigan	P=7	P=4	P=5	P=2	P=1	P=1	P=2	---	---	---	---	---
	S=2	S=2	S=4	S=1	S=1	S=1	S=1	---	---	---	---	---
Minnesota	P=.6	P=1.5	P=4.8	P=1	P=0	P=.5	P=0	P=.1	P=1.5	P=.1	---	---
	S=.2	S=0	S=1.2	S=.2	S=0	S=.1	S=0	S=.1	S=.1	S=.1	---	---
Mississippi	P=3	P=3	P=2	P=2	P=0	P=4	P=2	P=0	P=2	P=1	---	---
	S=1	S=1	S=1	S=1	---	S=0	S=1	---	---	---	---	---
Missouri	P=2	P=2	P=8	P=1	P=2	---	P=1	---	P=5	---	---	---
	S=2	---	S=3	S=1	---	---	---	---	---	---	---	---
Montana	P=1.5	P=1	P=3	P=.25	---	---	P=.25	---	---	---	---	---
	S=1	---	S=2	---	---	---	---	---	---	---	---	---
Nebraska	P=1	---	---	---	---	---	---	---	---	---	P=2	---
	S=1	---	---	---	---	---	---	---	---	---	---	---
Nevada	P=1	P=3	P=3	P=4	P=3	P=0	P=1	P=0	P=3	P=0	---	---
	S=1.5	---	---	---	---	---	---	---	---	---	---	---
New Hampshire	P=1	---	P=2	---	P=1	---	---	---	P=10	P=6	---	---
	S=1	---	S=1	---	---	---	---	---	S=4	---	---	---
New Jersey	P=4	P=5	P=7	P=1.5	P=.5	P=.25	P=3	P=0	P=3	P=1	---	---
	S=1	S=1	S=3	S=.5	S=0	S=0	S=1	S=0	S=0	S=0	---	---
New Mexico	P=2	P=0	P=2	P=1	P=.75	P=.25	P=.75	P=.25	P=7	P=.5	---	---
	S=2	S=0	S=1	S=2	---	---	---	---	S=3	---	---	---

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STATE	Adminis- tration	Facil/ Vehicle Inspec.	Trng. and Licen.	Plan./ and Eval.	Communi- cations	Disas. Coord.	Public Info./ Educa.	Injury Control	Regional/ Field Operations	Hosp./ Medical Control	Other	Other
New York	P=2.5	P=4.5	P=8	P=2	P=1	P=.5	P=0	P=0	P=4.5	P=1	---	---
	---	---	---	---	---	---	---	---	---	---	---	---
N. Carolina	P=2	P=4.5	P=3	P=.5	P=2	P=.25	P=.5	---	P=12.75	P=1.2	---	---
	S=2	S=.25	S=2	S=4	S=1	---	---	---	S=3.75	---	---	---
North Dakota	---	---	---	---	---	---	---	---	---	---	P=3	---
	---	---	---	---	---	---	---	---	---	---	S=3	---
Ohio	---	---	P=5	---	---	---	---	---	---	---	---	---
	---	---	S=3	---	---	---	---	---	---	---	---	---
Oklahoma	P=2	---	P=3	---	---	---	---	---	P=4	P=1	---	---
	S=3	---	---	---	---	---	---	---	---	---	---	---
Oregon	P=1	P=1	P=1	P=1	---	---	---	---	---	---	---	---
	S=1	---	S=1	---	---	---	---	---	---	---	---	---
Pennsylvania	P=2	P=1	P=2	---	---	---	---	---	---	---	P=1[h]	P=1[i]
	S=2	---	---	---	---	---	---	---	---	---	---	---
Rhode Island	P=1	P=1	P=1	---	P=1	P=1	---	---	---	P=1	---	---
	S=1	---	S=1	---	---	---	---	---	---	---	---	---
S. Carolina	P=2.3	P=1.5	P=4.5	P=3.3	P=.1	P=.4	P=.1	P=0	P=0	P=.2	---	---
	S=1	S=.5	S=1.5	S=1	---	---	---	---	---	---	---	---
South Dakota												
Tennessee	P=2	P=.5	P=2	P=.5	P=1	---	---	---	P=8	P=.25	---	---
	S=1	S=.5	S=2	S=.25	S=.25	---	---	---	---	---	---	---
Texas	P=14	P=0	P=0	P=36	P=1	P=10	P=0	P=0	P=0	P=0	---	---
	S=10	S=0	S=0	S=31	S=9	S=4	S=0	S=0	S=0	S=0	---	---
Utah	P=1	---	P=3	P=1	---	---	---	---	P=4	---	P=1[j]	---
	---	---	---	S=1	---	---	---	---	---	---	---	S=5[k]
Vermont	P=.5	P=.3	P=1.1	P=.3	P=.2	P=.3	P=.1	P=0	P=.4	P=.2	---	---
	S=.5	S=.1	S=.1	S=.2	---	---	S=.1	---	---	---	---	---
Virginia	P=1.4	P=1.2	P=1.5	P=.5	P=1	P=.2	P=.2	---	P=5	P=.5	P=.5[l]	---
	S=1.8	S=1	S=2	S=.2	S=.1	S=.1	---	---	S=.5	---	S=.3[l]	---
Washington	P=1	---	P=1	P=1	---	---	---	---	P=7	---	P=1[m]	---
	S=1	---	S=.5	S=.5	---	---	---	---	S=3	---	S=.5[m]	---

Symbols:
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STATE	Adminis-tration	Facil/ Vehicle Inspec.	Trng. and Licen.	Plan./ and Eval.	Communi-cations	Disas. Coord.	Public Info./ Educa.	Injury Control	Regional/ Field Operations	Hosp./ Medical Control	Other	Other
West Virginia	P=2.25	P=.5	P=2	P=1.25	P=.5	P=.2	P=.2	P=0	P=0	P=.25	---	---
	S=2	S=.25	S=2.75	S=0	S=0	S=0	S=0	S=0	S=0	S=0	---	---
Wisconsin	P=1	P=1.25	P=2.5	P=2	P=1	---	P=.25	---	---	---	---	---
	S=2	---	S=1	---	---	---	---	---	---	---	---	---
Wyoming	P=1	P=.5	P=2.5	---	---	---	---	---	---	---	---	---
	S=1	---	S=1	---	---	---	---	---	---	---	---	---
American Samoa	---	---	---	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---	---	---	---
Washington DC	P=3	P=1	P=1	P=3	P=1	P=2	P=1	---	P=1	---	---	---
	S=4	---	S=1	---	S=1	---	S=2	---	S=2	---	---	---
Guam	P=1	---	---	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---	---	---	---
Puerto Rico	---	---	---	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---	---	---	---
Virgin Islands	P=1	---	P=2	---	---	---	---	---	P=2	P=1	---	---
	S=1	---	---	---	---	---	---	---	S=2	---	---	---

Symbols:
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Footnotes:

a. Legal Consultant
b. Trauma Consultant
c. Billing and Collection
d. Part-Time Communications Center Staff
e. Rape Victims Assistance Program
f. First Aid Stations
g. EMT Testing
h. Research and Evaluation
i. Nursing Education and Evaluation
j. Training Equipment Rental
k. Clerical Pool
l. Rescue Squad Assistance Fund
m. Data Systems

TABLE IV

SERVICE RESPONSIBILITIES OF STATE EMS OFFICES

State	Estab. EMT Trng. Stds.	Provide EMT Trng.	Cert. EMT Trng. Prog.	Lic/ Cert. Ambu.	Set Ambu. Tariffs	Inspect Ambu.	EMS Plan. and Dev.	Prov. Tech. Assis.	Communication Coor.	Eval. & Data Collec.	Disas. Manage/ Coordi.	Public Info. Educa.	Fund Local Oper.	Trau. Cent. Desig.	Other Facil. Cate.	Cert. of Need-Facil.	Cert. of Need-Ambul.
Alabama	P	ND	P	P	ND	P	S	P	S	M	M	M	ND	S	S	ND	ND
Alaska	P	S	P	P	ND	M	P	S	S	P	S	S	S	M	M	M	ND
Arizona	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--	--
Arkansas	P	M	P	P	ND	P	P	P	S	P	S	M	ND	ND	ND	No[1]	P
California	P	No[2]	S	No[3]	No[4]	No[3]	S	P	M	S	P	M	P	M	M	No[5]	No[4]
Colorado	P	S	P	No[6]	ND	No[6]	P	P	P	M	M	M	M	ND	ND	No[7]	ND
Connecticut	P	M	P	P	P	P	S	S	S	S	P	S	M	P	P	P	P
Delaware	No[8]	No[8]	No[8]	No[8]	No[8]	No[8]	P	S	M	P	S	P	No[9]	P	P	No[10]	ND
Florida	P	ND	P	P	No[9]	P	P	P	P	P	M	S	M	P	S	S	S
Georgia	P	S	P	P	P	S	S	P	No[11]	P	P	S	No[12]	S	S	No[13]	ND
Hawaii	S	P	No[14]	P	M	P	P	P	P	P	S	P	P	ND	P	No[13]	M
Idaho	P	P	ND	P	ND	P	P	P	P	P	S	P	S	P	S	M	ND
Illinois	P	M	P	P	ND	P	P	P	P	P	M	S	M	ND	ND	ND	ND
Indiana	P	M	P	P	ND	P	S	P	S	S	S	S	M	P	P	No[31]	ND
Iowa	S	No[2]	P	P	ND	P	P	P	P	P	S	P	--	ND	ND	ND	ND
Kansas	No[15]	No[15]	S	P	ND	P	P	P	P	P	M	M	M	ND	ND	ND	ND
Kentucky	P	M	P	No[32]	ND	No[20]	P	P	ND	P	M	M	S	ND	ND	No[5]	No[5]
Louisiana	P	S	P	M	ND	M	P	S	S	S	M	S	S	ND	ND	ND	ND
Maine	P	No[16]	S	P	--	P	S	P	ND	P	S	M	S	ND	ND	No[13]	ND
Maryland	P	P	P	ND	ND	S	P	P	P	P	S	P	M	P	P	ND	ND

Explanation of Symbols:
P = Area of Primary Responsibility
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State	Estab. EMT Trng. Stds.	Provide EMT Trng.	Cert. EMT Trng. Prog.	Lic/ Cert. Ambu.	Set Ambu. Tariffs	Inspect Ambu.	EMS Plan. and Dev.	Prov. Tech. Assis.	Communication Coor.	Eval. & Data Collec.	Disas. Manage/ Coordi.	Public Info. Educa.	Fund Local Oper.	Trau. Cent. Desig.	Other Facil. Cate.	Cert. of Need-Facil.	Cert. of Need-Ambul.
Massachusetts	P	No[17]	P	No[7]	No[18]	No[7]	P	P	P	P	S	P	M	M	No[19]	M	ND
Michigan	P	--	P	P	ND	P	P	P	P	P	P	P	ND	ND	P	No[20]	ND
Minnesota	P	ND	P	P	ND	P	S	S	S	S	P	S	S	ND	ND	ND	P
Mississippi	P	S	P	P	P	P	P	P	P	P	P	P	S	P	P	--	ND
Missouri	P	S	P	P	M	P	P	P	P	P	M	S	M	P	S	No[13]	P
Montana	P	S	P	P	ND	P	P	P	M	M	M	P	ND	ND	ND	No[13]	M
Nebraska	P	P	P	P	No[9]	P	P	P	S	P	S	M	P	P	S	No[13]	ND
Nevada	P	P	P	P	ND	P	P	P	S	P	M	P	No[9]	ND	ND	--	ND
New Hampshire	P	P	P	P	ND	P	P	P	P	S	P	M	ND	P	S	M	ND
New Jersey	P	S	P	S	M	S	S	S	S	S	S	S	S	S	S	M	ND
New Mexico	P	S	P	M	No[21]	No[21]	P	P	P	P	S	P	M	P	ND	ND	ND
New York	P	--	P	P	--	P	P	P	P	P	S	M	M	S	ND	No[1]	S
N. Carolina	P	S	P	P	ND	P	P	P	P	P	S	P	M	P	P	No[10]	ND
North Dakota	P	S	P	P	ND	P	P	S	S	P	M	S	M	ND	ND	M	ND
Ohio	No[22]	No[22]	No[22]	P	--	P	P	P	P	P	M	P	P	--	--	--	--
Oklahoma	P	P	P	P	ND	P	P	P	P	P	S	S	S	M	M	No[13]	P
Oregon	S	S	S	P	ND	P	S	P	ND	P	S	S	S	No[23]	ND	No[13]	ND
Pennsylvania	P	P	P	P	ND	M	P	P	M	P	M	M	P	P	M	No[24]	No[24]
Rhode Island	S	P	S	P	ND	P	P	P	P	P	P	P	S	P	P	ND	ND
S. Carolina	P	S	P	P	ND	P	P	P	P	P	P	P	S	P	P	ND	ND
South Dakota																	
Tennessee	P	S	P	P	ND	P	P	P	P	P	P	P	P	M	M	No[25]	ND
Texas	P	No[26]	P	P	P	P	P	S	S	S	S	S	ND	ND	ND	ND	ND
Utah	P	No[2]	P	P	P	P	P	P	S	P	M	S	No[9]	P	S	No[25]	P
Vermont	P	M	P	P	ND	P	S	P	S	M	M	S	S	ND	ND	M	ND

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Virginia	P	No[9]	P	P	ND	P	P	P	P	M	P	S	P	P	ND	M	ND
Washington	P	M	P	P	ND	P	P	P	S	P	S	P	ND	P	S	ND	ND
West Virginia	P	S	P	P	ND	S	P	P	S	S	P	P	M	P	P	M	ND
Wisconsin	P	--	P	No[27]	ND	No[27]	P	P	P	ND	No[7]	S	M	ND	P	--	--
Wyoming	P	P	P	P	--	P	P	P	M	S	M	S	--	--	--	--	--
Amer. Samoa																	
Wash. DC	P	M	P	P	ND	P	P	M	S	M	P	M	ND	S	S	S	S
Guam	P	No[2]	P	P	ND	P	P	S	S	S	No[28]	S	--	ND	ND	No[13]	No[13]
Vir. Islands	P	P	P	--	ND	ND	P	P	P	P	P	P	ND	No[30]	ND	--	--

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Footnotes:

1. Responsibility of Hospital Division/ADH
2. Responsibility of Community Colleges
3. Responsibility of California Highway Patrol
4. Responsibility of County Board of Supervisors
5. Responsibility of Office of Statewide Health Planning
6. Responsibility of Individual County Commissioner
7. Responsibility of State Health Department
8. Responsibility of State Fire Prevention Commission
9. Local Responsibility
10. Responsibility of Bureau of Health Resources
11. Responsibility of Department of Administrative Services
12. Responsibility of Local Ambulance Services
13. Responsibility of State Health Planning Agency
14. Responsibility of Board of Medical Examiners
15. Responsibility of Kansas University Medical Center - Emergency Medical Training Program
16. Responsibility of VTI System
17. Responsibility of Various Institutions Throughout State
18. Responsibility of Rate Setting Commission
19. Responsibility of Regional Council RFP's
20. Responsibility of Division of Planning and Construction
21. Responsibility of State Corporation Commission
22. Responsibility of Dept. of Education
23. Pending Legislation
24. Responsibility of Division of Need Review
25. Responsibility of Health Facilitites Commission
26. Responsibility of Certified Course Coordinators
27. Responsibility of State Dept. of Transportation
28. Responsibility of Civil Defense
29. Responsibility of Providers
30. Responsibility of Trauma Center
31. Responsibility of State Board of Health
32. Responsibility of Division of Licensing and Regulation

TABLE V

PRODUCTS AVAILABLE THROUGH THE STATE EMS OFFICE

State	Compr. State EMS Act	EMS Finan/ Funding Act	Other EMS Laws (Specified)	State EMS Plan	EMS Run Form	Run Form Instr. Manual	Commun- ication Manual	Disas. Plan	EMS News- letter	State Training Curricula (Specified)	Public Info. Prod.	Ambul. Manage. Manual	Other Products/ Manuals
Alabama	X	--	GS/EL	X	X	--	X	--	--	L/F/I/C/S	--	--	SR/RD
Alaska	X	X	GS	X	X	--	X	X	X	L/F/I/C/S	--	H/M/T	
Arizona	--	--	--	--	--	--	--	--	--	--	--	--	--
Arkansas	X	--	GS/AT	X	X	X	--	X	--	L/I/C	X	--	PS
California	X	--	--	X	--	--	--	X	X	L/FA	--	--	D/TR
Colorado	X	--	--	--	--	--	--	--	--	L/I/C/S	--	X	--
Connecticut	X	--	GS	X	X	X	X	--	X	L/F/I	X	--	P
Delaware	X	--	GS	X	X	--	--	--	X	--	--	--	--
Florida	X	X	--	X	--	--	--	--	X	L/C	--	--	VI
Georgia	--	--	GS	X	X	X	X	X	--	L/I/C	--	--	SR/FI/P
Hawaii	X	--	X	--	X	X	X	--	--	L/F	--	--	--
Idaho	X	X	GS/AL	X	X	X	X	X	X	L/F/I/C/B/EX	--	--	P
Illinois	X	--	--	X	--	--	--	--	X	L/F/I/C/TN	X	--	P/ED
Indiana	X	--	X	X	--	--	--	X	X	L/F/I	--	--	--
Iowa	X	X	GS/AC	X	X	X	X	X	X	L/F/C/EM	--	--	--

EXPLANATION OF SYMBOLS: -- = Information not provided X = Product available through EMS office

Other EMS Laws:

AC = Advanced Care Law
AL = Ambulance Licensing
AT = Advanced Training Laws
DL = Drug Laws
EA = Emergency Management Act
EL = Enabling Legislation
GS = Good Samaritan
HC = Helicopter Coordination
LI = EMT Licensing
PL = Paramedic Laws
RL = Reciprocity Laws
SL = State Laws

State Training Curricula:

AI = Ambulance Information
B = Back Country Medical Rescue
C = Continuing Education
EM = EMT Course
EX = Extrication
F = First Responders
FA = First Aid Standards
I = Instructors Course
L = EMT Levels
RI = Rescue Information
S = Specialty Training
TN = Trauma Nurse Courses

Products or Manuals:

AI = Ambulance Information
D = Disciplinary Procedures for EMT Groups
ED = Educational Information
FI = Films
H = Dealing with Hypothermia Guidelines
IM = Instructors Manual
M = EMS Directory
P = Posters
PS = Public Service Announcements
RD = Radio Directory
SR = State Rules
TR = Trauma Systems Regulations
VI = Vehicle Inspectors Manual

State	Compr. State EMS Act	EMS Finan/ Funding Act	Other EMS Laws (Specified)	State EMS Plan	EMS Run Form	Run Form Instr. Manual	Commun-ication Manual	Disas. Plan	EMS News-letter	State Training Curricula (Specified)	Public Info. Prod.	Ambul. Manage. Manual	Other Products/ Manuals
Kansas	X	--	GS	X	X	X	X	--	--	--	--	--	--
Kentucky	--	X	GS/AL	--	X	X	--	--	--	L	--	--	--
Louisiana	X	X	X	X	X	--	--	--	--	L/F/I	--	--	--
Maine	X	--	GS	X	X	X	--	X	X	L/F	--	X	SR
Maryland	X	X	GS/HC	X	X	X	X	X	X	L/F/I/C/S	X	X	P/PS/FI
Massachusetts	X	--	DL	X	--	--	X	--	X	L/F/I/C	X	--	P/PS/IM
Michigan	X	--	--	X	X	--	X	X	X	L/F/I/C	--	--	--
Minnesota	X	--	X	X	X	--	X	--	X	X	--	--	--
Mississippi	X	X	GS/EL	X	--	--	--	X	X	L/F/I/C/EX/RI	X	--	P/PS
Missouri	--	--	GS/AL	X	X	--	X	--	X	L/F/I/C/S	X	X	FI/RD/PS
Montana	--	--	GS/AL/LI	--	X	X	--	--	X	L/F/I/EX	--	--	PS
Nebraska	--	--	GS/AL/PL	X	X	X	X	--	X	L/F/I/S	--	--	--
Nevada	X	--	GS	X	X	X	X	X	--	L/F/I/C	--	--	--
New Hampshire	X	--	GS/SL	X	X	X	X	X	X	L/F/I/C/EX/B/S	X	--	AI/PS
New Jersey	--	--	SL	--	X	--	X	--	--	--	--	--	--

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P = Posters
PS = Public Service Announcements
RD = Radio Directory
SR = State Rules
TR = Trauma Systems Regulations

State	Compr. State EMS Act	EMS Finan/ Funding Act	Other EMS Laws (Specified)	State EMS Plan	EMS Run Form	Run Form Instr. Manual	Commun-ication Manual	Disas. Plan	EMS News-letter	State Training Curricula (Specified)	Public Info. Prod.	Ambul. Manage. Manual	Other Products, Manuals
New Mexico	X	X	EA	--	X	X	X	--	X	L/F/I/C/EX/S/RI	X	--	P
New York	X	--	GS	X	X	--	X	X	--	L	--	--	--
N. Carolina	X	--	X	X	X	X	X	X	X	L/F/I	X	--	PS
North Dakota	--	--	GS/AL	X	X	X	X	X	X	L/F/I/C/EX/RI	--	X	FI
Ohio	--	--	AT/RL	--	--	--	X	X	X	L/F/I/C/S	--	--	AI
Oklahoma	X	--	GS/SL/AL	X	X	X	--	X	--	L/F/S	X	--	ED
Oregon	--	--	X	--	--	--	--	--	--	L/F/I/S	--	X	--
Pennsylvania	--	--	GS/LI	X	--	--	--	X	X	L/F/I/C/RI	X	--	PS/IM
Rhode Island	X	X	--	X	X	--	X	X	X	L/F/I/C/S	X	X	FI
S. Carolina	X	--	GS	X	X	X	X	X	X	L/I/S	--	--	--
South Dakota													
Tennessee	X	--	GS/SL	--	--	--	X	--	X	L/F/RI/S	--	--	--
Texas	X	X	GS	X	X	X	X	X	X	L/F/I/C/EX	X	--	P/PS/FI
Utah	X	--	GS	X	X	--	--	X	--	L/F/I/C/S	X	--	--
Vermont	X	--	GS	--	X	--	--	--	--	--	--	--	--

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State	Compr. State EMS Act	Finan/ Funding Act	EMS Laws (Specified)	State EMS Plan	EMS Run Form	Form Instr. Manual	Commun-ication Manual	Disas. Plan	EMS News-letter	Training Curricula (Specified)	Public Info. Prod.	Ambul. Manage. Manual	Other Products/ Manuals
Virginia	X	X	GS/SL	X	--	--	--	--	X	L/F/I/C	X	--	FI
Washington	X	--	GS/SL	X	X	X	X	--	--	L/F/I/S	X	--	--
West Virginia	X	--	--	X	X	X	X	X	X	L/F/I/C/S	X	--	--
Wisconsin	--	--	GS	X	X	--	X	X	X	L/F/I/S	--	--	--
Wyoming	X	--	X	X	X	--	X	--	X	L/F/C	X	X	PS
Amer. Samoa													
Washington, DC	X	--	GS/AT	X	X	--	X	X	--	L/F/I/C	--	X	--
Guam	X	--	--	X	--	--	--	X	--	--	--	--	M
Puerto Rico													
Virgin Islands	--	--	GS	X	X	X	X	X	--	X	--	--	M

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EMS Advisory Committee

The large majority of state EMS offices have an EMS advisory committee that is authorized by statute. In only three states, North Dakota, Vermont and Wisconsin, is the committee of a voluntary nature. In Georgia, an administrative order authorizes the committee; in Idaho, the committee was formed through regulations; and in four states, Minnesota, Missouri, Wyoming and Washington, D.C., the committee was authorized through executive order (see Table VI). In most cases, the governor appoints the committee members, but there are numerous exceptions, as Table VI indicates. In some instances, the secretary of the Department of Health appoints the members, and in other cases the EMS director, an ex-officio, a commission or an advisory council will appoint members. The committee convenes twice yearly in some states to 10 times yearly in other states. In most states the committee meets on a quarterly basis.

The functions and responsibilities of the committees vary from state to state. Most serve in an advisory capacity to the state EMS director. Other responsibilities are: serving in an advocacy role, providing long-range EMS planning, budgetary oversight, policy making and serving as a forum for public input.

TABLE VI

STATE EMS ADVISORY COMMITTEE

STATE	COMMITTEE MANDATED BY	COMMITTEE MEMBERS APPT. BY	CONVENE	MAJOR FUNCTIONS
Alabama	Statute	Ex Officio	Quarterly	Ad, LRP, FPI,
Alaska	Statute	Governor	Semiannually	PM, Ad, BO, RA, Advo, LRP, FPI
Arizona				
Arkansas	Statute	Governor	Quarterly	Ad, FPI
California	Statute	Governor[1]	Quarterly	Review & Approve Regs., Develop guidelines & Stds.
Colorado	Statute	Governor	Quarterly	Ad
Connecticut	Voluntary	EMS Direc.	As Requested	Ad, Advo, FPI
Delaware	Statute	Governor	Quarterly	Ad, Advo, LRP
Florida	Statute	Secretary[2]	Quarterly	Ad
Georgia	Admin. Order	Comm.[3]	Quarterly	Ad, Advo, FPI
Hawaii	Statute	Governor	Quarterly	Ad, Advo, LRP, FPI
Idaho	Regulations	Secretary[2]	Annually	Ad, BO, Advo, LRP, FPI
Illinois	Statute	Governor	Quarterly	Ad, Advo, LRP, FPI
Indiana	Statute	Governor	Quarterly	PM, RA, LRP, FPI
Iowa	Statute	Governor	Quarterly	PM, Ad, RA, FPI
Kansas	Statute	Governor	Bimonthly	PM, RA, BO, Advo, LRP, FPI
Kentucky	---	---	---	---
Louisiana	---	---	---	---
Maine	Statute	Governor	10/Year	Ad, LRP, FPI
Maryland	Statute	EMS Dir.	Bimonthly	Ad, Advo, LRP, FPI
Massachusetts	Statute	Commissioner	5/Year	Ad, Advo, FPI
Michigan	Statute	Governor	Quarterly	Ad, Advo, FPI
Minnesota	---	---	---	---
Mississippi	Statute	Governor	Annually	Ad
Missouri	Exec. Order	Secretary[2]	Quarterly	Ad
Montana	Exec. Order	Secretary[2]	Quarterly	LRP, FPI
Nebraska	---	---	---	---
Nevada	---	---	---	---
New Hampshire	Statute	Governor	Bimonthly	PM, Ad, RA, LRP, FPI
New Jersey	---	---	---	---
New Mexico	Statute	Secretary[2]	Quarterly	Ad, Advo, LRP, FPI
New York	Statute	Secretary[2]	10/Year	RA, Advo, LPR
N. Carolina	Statute	Secretary[2]	Quarterly	Ad, Advo, FPI
North Dakota	Voluntary	Governor	Annually/ Semiannually	PM, Ad, LRP
Ohio	Statute	Governor	Monthly	Ad, FPI

Explanation of Symbols:

Ad = Advisory
Advo = Advocacy
BO = Budgetary Oversight
FPI = Forum for Public Input

LRP = Long Range Planning
PM = Policy Making
RA = Regulatory Authority
--- = Information Not Provided

STATE	COMMITTEE MANDATED BY	COMMITTEE MEMBERS APPT. BY	CONVENE	MAJOR FUNCTIONS
Oklahoma	Statute	Governor	Quarterly	Ad, Advo, LRP, FPI
Oregon	Statute	Secretary[2]	Quarterly	Ad, Advo, LRP, FPI
Pennsylvania	Statute	Adv. Council	Frequently	Ad, FPI
Rhode Island	Statute	Governor	Quarterly	PM
S. Carolina	Statute	Secretary	Bi-Monthly	Ad, Advo, LRP, FPI
South Dakota	---	---	---	---
Tennessee	Statute	Governor	Quarterly	PM, RA, Advo, LRP, FPI
Texas	Statute	Bd. of Health	Quarterly	Ad, Advo, LRP, FPI
Utah	Statute	Governor	Quarterly	RA, Advo, LRP, FPI
Vermont	Voluntary	Local Auth.	Monthly	Ad, Advo, FPI
Virginia	Statute	Governor	Quarterly	Ad, BO, Advo, LRP, FPI
Washington	Statute	Governor	Quarterly	Ad, RA
West Virginia	Statute	Governor	Quarterly	Ad, Advo, FPI
Wisconsin	Voluntary	Administrator[4]	Bimonthly	Ad, Advo, LRP, FPI
Wyoming	Exec. Order	Governor	Quarterly	Ad, Advo
Amer. Samoa	---	---	---	---
D.C.	Exec. Order	Governor	Monthly	Ad, Advo, LRP, FPI
Guam	Statute	Governor	Quarterly	Ad
Puerto Rico	---	---	---	---
Virgin Is.	---	---	---	---

Explanation of Symbols:

Ad = Advisory
Advo = Advocacy
BO = Budgetary Oversight
FPI = Forum for Public Input

LRP = Long Range Planning
PM = Policy Making
RA = Regulatory Authority
--- = Information Not Provided

Footnotes:

1. 14-member commission: 8 appointed by the Governor, 3 appointed by the Senate Rules Committee, and 3 appointed by the Speaker of the Assembly.
2. Secretary of Department
3. Commissioner of Department of Human Resources
4. Division of Health

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THE 1985 NATIONAL EMS DATA SUMMARY

STATE EMERGENCY MEDICAL SERVICES COMMUNICATIONS SYSTEMS AND LEVEL OF PREPAREDNESS FOR DISASTERS

Produced by the National EMS Clearinghouse

1985

STATE EMERGENCY MEDICAL SERVICES COMMUNICATIONS SYSTEMS AND LEVEL OF PREPAREDNESS FOR DISASTERS

This report represents a first effort by the NASEMSD to conduct a nationwide comprehensive survey of emergency medical services in the U.S. The NASEMSD plans to periodically resurvey the states in order to develop updated versions of this report. The reader is urged to notify the Association with recommendations for improving future reports, including obtaining survey information for subject areas not included in this report.

The National EMS Clearinghouse is a service of the National Association of State
Emergency Medical Service Directors, managed by
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PREFACE

Emergency Medical Services across the nation have evolved into sophisticated systems with multiple components that work together in order to save human lives. To enhance the effectiveness of the emergency medical services, the National Association of State Emergency Medical Services Directors (NASEMSD) has recognized the need for states to exchange information on successful and best practices in emergency medical services and for states of geographical proximity to assist each other in their efforts to respond quickly and expertly to emergency situations.

To foster communication and information exchange across the nation and ultimately to increase the effectiveness of emergency services, the NASEMSD, with financial support from the National Disaster Medical System, surveyed all state emergency medical services directors concerning emergency medical services programs in their state. The survey covered the following components of EMS:

1) State EMS Office Functioning
2) Transportation
3) Communications
4) EMS and Disaster Preparedness
5) Evaluation/Information Systems
6) Public Information/Education
7) Training
8) Facilities

The survey project was undertaken with the support of Tom Harmelink former Director of Emergency Medical Services, North Carolina and former President of NASEMSD.

The NASEMSD Clearinghouse Committee assumed responsibility for the project. The committee is chaired by Sam Channell, Associate Director, Emergency Medical Services, West Virginia. The survey was written by members of a sub-committee of the NASEMSD Clearinghouse Committee. Members on the sub-committee are: Chair, Drew Dawson, Chief, Emergency Medical Services Bureau, Montana; Barak Wolff, Chief, Emergency Medical Services Bureau, New Mexico; and Dan Manz, Director, Emergency Medical Services, Vermont.

Reports from the survey were compiled and written by Fran Berry, Director, The National EMS Clearinghouse and Ellen Hume, Associate Director, the National EMS Clearinghouse. Typing and data entry assistance were provided by Pat Bancroft and Joy Pettit. We extend appreciation to Ms. Bancroft and Ms. Pettit for their hard work.

The survey compilation resulted in six reports. They are: 1) Administrative Structure, Functions and Budget Sources of State Emergency Medical Services Offices; 2) State Emergency Medical Services Transportation Systems; 3) State Emergency Medical Services Information and Public Education Systems; 5) The Training of State Emergency Medical Service Personnel; and 6) State Emergency Medical Services Facilities and Regulatory Control.

We hope these reports will be a useful resource to those involved in emergency medical services in the states.

Paul Anderson, President
National Association of State
Emergency Medical Services
Directors

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EMS COMMUNICATIONS SYSTEMS AND LEVEL OF PREPAREDNESS FOR DISASTERS

Introduction

The status of a state's EMS communications system is vitally linked to how well prepared the state is to handle disasters. Without adequate communications capabilities there could be no organized, efficient method to deal with disasters or mass casualty incidents (MCI), and dealing with everyday problems could also be poorly handled.

The purpose of this report is to provide information on the current condition of EMS communications systems, including systems still in the planning stages, and related disaster preparedness in the states in order for state officials, and others involved in emergency medical services in the states, to better assess where they are in comparison to other states, what their needs are, and determine where improvement efforts should be focused.

This report is one of a series of six reports compiled and published by the staff of the National Association of State EMS Directors. Other reports are:

(1) Structure, Function, and Budget Sources of State EMS Offices;
(2) EMS Transportation Systems;
(3) EMS Information and Public Education Systems;
(4) EMS Personnel Training, and
(5) EMS Facilities and Regulatory Control.

The reports are available through the NASEMSD at The Council of State Governments, Iron Works Pike, P.O. Box 11910, Lexington, KY 40578.

COMMUNICATIONS

The past decade has seen significant change regarding emergency communication services offered to U.S. citizens. One current trend is to provide citizens with access to a 911 number through which to contact police, fire, and ambulance departments. A few states, Connecticut, Illinois, Maryland, Minnesota and Oregon have legislation mandating statewide access to the 911 number (see Table I).

Most states provide residents in particular geographic areas, usually urban areas, with the 911 number or with a single 7-digit number to call to report an emergency or issue an ambulance call. Residents in other, usually rural, areas have access to numerous 7-digit numbers for making emergency calls.

For the most efficient communications systems nationwide, state officials and EMS office directors want state EMS units to utilize UHF radio frequencies as their vehicular and departmental communications medium. however, as Table I indicates, EMS units in the United States are a long way from this goal. At this time, only the District of Columbia uses UHF frequencies with biomedical telemetry as their sole means of radio communication. Connecticut and Hawaii use UHF without biomedical telemetry as their means of communcation. Other states use a combination of UHF frequencies and VHF frequencies. Several states, Alabama, Alaska, Georgia, Illinois, Indiana, Iowa, Maine, Michigan, Nebraska, New Jersey, Pennsylvania, South Carolina, Tennessee, Texas, and West Virginia utilize radio/telephone interconnected systems as a part of their communication systems.

TABLE I

EMERGENCY MEDICAL SERVICES COMMUNICATIONS SYSTEMS

STATE	Statewide Plan avail. for EMS ....Comm. Sys. Devel.....		EMS Comm. Sys. owned and operated by state	Legis. Mandating 911	% of Pop. with access to EMS services by:			% of EMS units that use ......these frequencies daily........			
	Avail.	Required by			911	telephone	other	VHF	UHF w/o biomedical telemetry	UHF with biomedical telemetry	Radio/telephone intercon. System
Alabama	Yes	NR	No	No	80%	10%	10%[1]	100%	0%	0%	85%
Alaska	Yes	NR	Yes	No	85%	10%	5%[2]	90%	5%	0%	5%
Arizona											
Arkansas	Yes	S-R	No	No	2%	---	98%[3]	100%	0%	0%	0%
California											
Colorado	Yes	NR	No	No	80%	5%	15%[2]	30%	70%	0%	0%
Connecticut	Yes	NR	Yes	Yes	58%	42%	0	5%	15%	80%	0%
Delaware	Yes	S-R	Yes	No	100%	0%	0	0%	100%	5%	0%
Florida	Yes	S-R	No	No	67.5	---	---	---	---	---	---
Georgia	Yes	S-R	No	No	20%	70%	10%[2]	100%	40%	20%	20%
Hawaii	Yes	NR	Yes	No	90%	10%	0%	0%	100%	0%	0%
Idaho	Yes	NR	Yes	No	50%	45%	5%[2]	100%	0%	2%	0%
Illinois	Yes	S-R	Yes	Yes	50%	20%	30%[2]	100%	10%	25%	100%
Indiana	Yes	S-R	No	No	47%	31%	22%[2]	100%	0%	15%	1%
Iowa	Yes	NR	No	No	24%	100%	1%[2]	85%	---	8%	5%
Kansas	Yes	S-R	Yes	No	60%	39%	1%[2]	---	---	---	---
Kentucky											
Louisiana											
Maine	Yes	NR	No	No	10%	5%	85%[2]	100%	---	10%	1%
Maryland	Yes	S-R	Yes	Yes	80%	20%	0	---	---	---	---
Massachusetts	Yes	S-R	Yes	No	38%	62%	0	65%	10%	25%	0%
Michigan	Yes	S-R	No	No	30%	0%	70%[2]	50%	30%	10%	10%
Minnesota	Yes	NR	No	Yes	80%	20%	0	---	---	---	---

Explanation of Symbols:		
	S	=Statute
	R	=Regulation
	---	=Information not provided
	NR	=Not Required

STATE	Statewide Plan avail. for EMS ....Comm. Sys. Devel.....		EMS Comm. Sys. owned and operated by state	Legis. Mandating 911	% of Pop. w/ access to ..EMS srvc. by:...		% of EMS units that use .....these frequencies daily........			
	Avail.	Required by			911 telephone	other	VHF	UHF w/o biomedical telemetry	UHF with biomedical telemetry	Radio/ telephone intercon. System
Mississippi	Yes	NR	No	No	--- ---	---	85%	0%	15%	0%
Missouri	Yes	NR	No	No	75% 10%	15%[2]	50%	10%	40%	0%
Montana	No	NR	No	No	--- ---	---	99%	1%	0%	0%
Nebraska	Yes	NR	No	No	65% 0%	35%	100%	2%	1%	3%
Nevada	Yes	NR	Yes	No	40% 50%	10%[2]	100%	80%	20%	0%
New Hampshire	Yes	S-R	No	No	21% 0%	79%[2]	95%	5%	0%	0%
New Jersey	Yes	NR	Yes	No	25% 100%	0%	80%	0%	2%	18%
New Mexico	Yes	S-R	Yes	No	60% 20%	20%[2]	80%	90%	10%	0
New York										
North Carolina	Yes	NR	No	No	27% 34%	39%[2]	98%	6%	5%	0%
North Dakota	Yes	NR	Yes	No	32% 68%	100%[4]	100%	0%	0%	0%
Ohio	Yes	S-R	No	No	10% ---	---	---	---	---	---
Oklahoma										
Oregon	Yes	NR	No	Yes	--- ---	---	---	---	---	---
Pennsylvania	Yes	NR	No	No	60% 20%	20%[2]	40%	20%	20%	20%
Rhode Island										
South Carolina	Yes	S-R	No	No	5% 30%	65%[5].	100%	.5%	3%	4%
South Dakota										
Tennessee	Yes	S-R	Yes	No	40% 50%	0%	90%	1%	1%	8%
Texas	No	NR	No	No	10% 87%	3%[2]	80%	40%	40%	5%
Utah	Yes	NR	Yes	No	59% 26%	15%[2]	100%	0%	0%	0%
Vermont	Yes	NR	No	No	7% 92%	1%[6]	100%	0%	2%	0%
Virginia	Yes	NR	No	No	76% 19%	5%[2]	50%	20%	30%	0%
Washington	Yes	NR	No	No	48% 20%	32%[2]	45%	55%	0%	0%

Explanation of Symbols:
S =Statute
R =Regulation
--- =Information not provided
NR =Not Required

STATE	Statewide Plan avail. for EMS ....Comm. Sys. Devel.....		EMS Comm. Sys. owned and operated by state	Legis. Mandating 911	% of Pop. w/ access to ..EMS srvc. by:...			% of EMS units that use .....these frequencies daily........			
	Avail.	Required by			911	tele-phone	other	VHF	UHF w/o biomedical telemetry	UHF with biomedical telemetry	Radio/ telephone intercon. System
West Virginia	Yes	S-R	Yes	No	10%	30%	50%[2]	60%	20%	10%	10%
Wisconsin	Yes	NR	Yes	No	30%	70%	0%	80%	10%	10%	0%
Wyoming	Yes	NR	Yes	No	99%	0%	0%	100%	0%	0%	0%
American Samoa											
D.C.	---	---	Yes	Yes	100%	0%	0%	0%	0%	100%	0%
Guam											
Puerto Rico											
Virgin Islands	Yes	NR	Yes	No	0%	0%	100%[7]	100%	0%	0%	0%

Explanation of Symbols:
S =Statute
R =Regulation
--- =Information not provided
UN =Information is not known by individual completing the survey
NR =Not Required

Footnotes:

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[1] Pseudo number
[2] Multiple Telephone Numbers
[3] 49% of population have access to multiple telephone numbers. Another 49% use "enterprise"
[4] Statewide emergency assistant number
[5] Multiple telephone numbers or call referral
[6] 800 Toll-free telephone number
[7] A 922 number rings the nearest ambulance and district hospital

Statewide Communication Plan

The large majority of states have a statewide plan for the development of emergency medical services communications systems. Some states require such a system through statute or regulation. However, in most states, a statewide plan is available but is not required by legislation (see Table I).

Statewide Communication System

Many states (i.e., 25) have moved beyond the planning stage in their communications system and now have a statewide system available and working. As Table II indicates, the initial cost to set up the system comes predominantly from state and federal funds. In four states, Idaho, Massachusetts, New Mexico and Tennessee, private foundations help fund the initial cost; and in Nevada the entire initial expense came from private foundation donations.

The annual operating cost for communications systems ranges between $15,000 in Utah to a high of $900,000 in Massachusetts. Funds for daily operating costs of the systems come from a variety of sources. The majority of states report that the state government provides funds for daily operating costs. Other sources are the local government, EMS providers, the state police and highway patrol, and hospitals.

A few states (10) report that there is a central control point for their communications system. Other states have multiple control points. Quite a number of different organizations are responsible for operating EMS communications systems across the states, including the EMS central and regional offices, the health department, private foundations, and the local fire department (see Table II).

A number of services are provided by the EMS communications systems, including public access for emergency medical assistance, dispatch of manpower and vehicles, disaster coordination and others, as detailed in Table II.

TABLE II

STATEWIDE EMS COMMUNICATIONS SYSTEMS

STATE	SYSTEM AVAILABLE	INITIAL EXPENSE FUNDED BY	ANNUAL OPERATING COST	OPERATING COST FUNDED BY	CENTRAL CONTROL POINT	RESPONSIBLE FOR OPERATING THE SYSTEM	SERVICES PROVIDED BY SYSTEM
Alabama	Yes	FF/SF/LF	Unknown	ST/LG/EP/0^4	--	0^4	E
Alaska	Yes	FF/SF	Unknown	ST/LG/EP	No	TO	B/C/D/E
Arizona							
Arkansas	Yes	FF	$60-80,000	ST/LG	Yes	$0^1/0^2$	A/B/C/D/E/F/0^3
California	No	n/a	n/a	n/a	n/a	0^4	C/D
Colorado	No	n/a	n/a	n/a	n/a	n/a	n/a
Connecticut	Yes	FF/SF/LF	--	ST/LG	Yes	EO	D
Delaware	Yes	FF	Unknown	LG (county)	--	Each county gov't.	A/B/C/D
Florida	No	n/a	n/a	n/a	n/a	n/a	n/a
Georgia	No	n/a	n/a	n/a	n/a	n/a	n/a
Hawaii	Yes	FF	$280,927	ST	No	EO	B/D/E
Idaho	Yes	FF/SF/PF	$250,000	ST	Yes	EO	A/B/C/D/E/F
Illinois	Yes	FF/SF	--	EP	No	Local providers	A/B/C/D/E/F
Indiana	No	n/a	n/a	n/a	n/a	n/a	n/a
Iowa	No	n/a	n/a	n/a	n/a	n/a	n/a

EXPLANATION OF SYMBOLS:

A = Public access for emergency medical assistance
B = Dispatch of manpower and vehicles
C = Coordination among local dispatch centers
D = Disaster coordination
E = Medical control communications
F = Administrative communications for EMS
O = Other (see footnotes)

-- = Information not provided
* = Not operable

FF - Federal funds
SF - State funds
LF = Local funds
PF = Private foundation
ST = State
LG = Local governments
EP = EMS providers
EO = State EMS office
TO = State telecommunications office
PO = State police/highway patrol

STATE	SYSTEM AVAILABLE	INITIAL EXPENSE FUNDED BY	ANNUAL OPERATING COST	OPERATING COST FUNDED BY	CENTRAL CONTROL POINT	RESPONSIBLE FOR OPERATING THE SYSTEM	SERVICES PROVIDED BY SYSTEM
Kansas	Yes	SF	$47,000	ST	No	O[5]	A/C/E
Kentucky	Yes	FF/SF	--	EP	No	EP	A/B/E
Louisiana	No	n/a	n/a	n/a	n/a	n/a	n/a
Maine	Yes	FF/LF	Unknown	EP/regions	No	--	E
Maryland	Yes	FF	--	ST	Yes	EO	E/O[6]
Massachusetts	Yes	FF/LF/PF	$900,000	ST/LG/EP/hospitals	No	O[7]	D/E/F/O[8]
Michigan	No	n/a	n/a	n/a	n/a	n/a	n/a
Minnesota	No	n/a	n/a	n/a	n/a	n/a	n/a
Mississippi	No	n/a	n/a	n/a	n/a	n/a	n/a
Missouri	No	n/a	n/a	n/a	n/a	n/a	n/a
Montana	No	n/a	n/a	n/a	n/a	n/a	n/a
Nebraska	No	n/a	n/a	n/a	n/a	n/a	n/a
Nevada	Yes	PF	$69,000	ST/EP	No	TO	D/E
New Hampshire	No	n/a	n/a	n/a	n/a	n/a	n/a
New Jersey	Yes	FF/SF/LF	Unknown	LG/EP	No	O[9]	D/E/F
New Mexico	Yes	FF/PF	$225,000	ST	Yes	TO	C/D/O[10]
New York	Yes	FF	--	LG	No	O[11]	B/C/D/E/F
N. Carolina	No	n/a	n/a	n/a	n/a	n/a	n/a
North Dakota	Yes	SF	--	ST	Yes	TO	A/B/C/D
Ohio	No	n/a	n/a	n/a	n/a	n/a	n/a

EXPLANATION OF SYMBOLS:

A = Public access for emergency medical assistance
B = Dispatch of manpower and vehicles
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FF = Federal funds
SF = State funds
LF = Local funds
PF = Private foundation
ST = State
LG = Local governments
EP = EMS providers
EO = State EMS office
TO = State telecommunications office
PO = State police/highway patrol

STATE	SYSTEM AVAILABLE	INITIAL EXPENSE FUNDED BY	ANNUAL OPERATING COST	OPERATING COST FUNDED BY	CENTRAL CONTROL POINT	RESPONSIBLE FOR OPERATING THE SYSTEM	SERVICES PROVIDED BY SYSTEM
Oklahoma	No	n/a	n/a	n/a	n/a	n/a	n/a
Oregon	No	n/a	n/a	n/a	n/a	n/a	n/a
Pennsylvania	No	n/a	n/a	n/a	n/a	n/a	n/a
Rhode Island	Yes	FF	$30,000	ST/LG	Yes	Fire departments	B/C/D/E
S. Carolina	No	n/a	n/a	n/a	n/a	n/a	n/a
South Dakota							
Tennessee	Yes	FF/LF/PF	Unknown	LG/EP	Yes	Local services	A/B/C/D/E/F
Texas	No[16]	FF/Local match	--	LG/EP	No	Local providers	--
Utah	Yes	FF	$15,000	ST	Yes	--	A/D/E/F
Vermont	No	n/a	n/a	n/a	n/a	n/a	n/a
Virginia	No	n/a	n/a	n/a	n/a	n/a	n/a
Washington	No	n/a	n/a	n/a	n/a	n/a	n/a
West Virginia	Yes	FF/SF	Unknown	ST/LG/EP	Yes	O[12]	A/B/C/D/E/F
Wisconsin	Yes	FF/SF	Unknown	LG/PO/hospitals	No	PO/O[13]	C/D/F
Wyoming	Yes	FF	100,000	LG	No	O[13]	B/E
D.C.	Yes	FF		ST	Yes	D.C. fire dept.	A/B/D/E/F
Amer. Samoa							
Guam	Yes*	FF	n/a	ST	No	O[14]	A/B/C/D/E/F
Puerto Rico							
Virgin Is.	Yes	FF	$25,000	ST	No	EO	A/B/C/D/E/F/O[15]

EXPLANATION OF SYMBOLS:

A = Public access for emergency medical assistance
B = Dispatch of manpower and vehicles
C = Coordination among local dispatch centers
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E = Medical control communications
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LF = Local funds
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ST = State
LG = Local governments
EP = EMS providers
EO = State EMS office
TO = State telecommunications office
PO = State police/highway patrol

Footnotes:

1. Health department
2. Private provider
3. NAWAS, nuclear site control, radiation health
4. County/regional EMS agencies
5. EMS regions/hospital/law enforcement
6. Helicopter coordination
7. Regional C-MED centers
8. Inter C-MED coordination
9. Dispatch centers and resource hospitals
10. Local system back-up
11. Local communications control systems
12. Regional command centers
13. Hospitals and ambulance services
14. Fire, ambulance and hospital EMS personnel
15. Administrative communications for the department of health
16. Varies from EMS region to EMS region

Radio Communications

Thirty-one states coordinate their EMS radio communications systems with adjacent states. In 44 states, ambulances from adjacent states can communicate with hospitals in the state to which they are transporting patients; and, again in 44 states, ambulances from the home state can communicate with hospitals in adjacent states. A large majority of states (i.e., 40) have radio interference problems within the state, and 34 states have radio communication problems with adjacent states (see Table III).

As Table IV indicates, the large majority of states require radio communication with a physician for advanced life support services. However, only nine states have the same requirement for basic life support services. Half the states require a training program for dispatchers and telecommunicators, but only six require actual certification of these communications dispatchers. It is a requirement in 32 states that the EMS offices employ an individual who is responsible for statewide EMS communications, and in another seven states there is an individual from an agency, other than the EMS office, responsible for performing this service. Only ten states report that there is no state requirement to have an individual responsible for EMS communications.

TABLE III

COORDINATION OF EMS RADIO SYSTEMS WITH ADJACENT STATES

	YES	NO	NO RESPONSE
Coordinate EMS radio systems with adjacent states	31	19	0
Ambulances from adjacent states can communicate with hospitals in the state to which they are transporting patients	44	4	2
Ambulances from home state can communicate with hospitals in adjacent states to which they are transporting patients	44	3	3
States have EMS radio communication interference problems in the state	40	8	2
Radio communication from other states interfere with EMS radio communication in your state	34	12	4

TABLE IV

EMS RADIO COMMUNICATIONS

	STATES THAT REQUIRE	STATES THAT DO NOT REQUIRE	NO RESPONSE
Radio Communication with a Physician:			
- For Basic Life Support (BLS)	9	38	3
- For Advanced Life Support (ALS)	43	6	7
Standardized Training Program for EMS Dispatchers/Telecommunicators	25	25	-
State Certification of EMS Dispatchers/Telecommunicators	6	44	-
EMS Office has an Individual Responsible for Statewide EMS Communications	32	17*	1
* If no, is this function provided by another state agency?	7	10	n/a

DISASTER PREPAREDNESS

Assessment of the Current Status of EMS Communications Capabilities

As was mentioned in the Introduction, the communications systems and the level of disaster preparedness in a state are vitally linked. Table V contains the assessment by state EMS directors of their state's communications system's capabilities for dealing with emergencies. Slightly more than half the states report that they believe their system needs some improvement for dealing with daily emergencies, mass casualty incidents (MCI), and disasters. No states responded that serious improvements were necessary for dealing with everyday problems, but seven responded that serious improvements were indicated for MCI, and 13 responded the same for disasters. Only six states report that their communications systems are adequate for dealing with disasters. From this, indications are that the states need to focus on upgrading their communications systems in order to better deal with emergency situations. The directors believe there is a trend toward improving communications capabilities as the responses in Table V-B clearly show a positive outlook in this direction.

Communication Networks Between State EMS Offices and Other Related Agencies

Scanning Table VI reveals that there is a moderate amount of routine communications between state EMS offices and other related federal, national and state agencies. Of course, virtually all states reported that there is frequent contact with the regional and local offices, and most offices maintain frequent contact with the state disaster services office.

EMS directors were asked to report on their familiarity with other related agencies in the federal and state governments. A large majority of directors responded that they are familiar with the U.S. Department of Transportation, the U.S. Department of Health and Human Services, the

Federal Emergency Medical Association, and the State Office of Emergency Services. There is an apparent lack of familiarity between EMS offices and the state National Guard, and between EMS offices and the Department of Defense. Approximately half of the respondents reported that they would like to learn more about the Department of Health and Human Services, the Department of Defense, and the Federal Emergency Medical Association. Some respondents also expressed an interest in learning about the U.S. Department of Transportation, the state National Guard, and the state Office of Emergency Services.

Disaster Related Activities of the State EMS Office

State EMS offices have varying responsibilities and roles in preparing, planning, and responding to large scale state disasters. Table VII provides information on the various responsibilities of EMS office personnel regarding planning, participating in, directing and/or evaluating disaster-related activities in conjunction with other related agencies.

The table reveals that EMS offices in Iowa, Maryland, Michigan, New Hampshire, North Carolina, Tennessee, Texas, West Virginia, and the Virgin Islands have wide-scale responsibilities in all phases of disaster activities and for most types of disasters. Other states have varying degrees of responsibilities ranging from very few in Florida, Kansas, Colorado, Mississippi, Missouri, Montana, Nebraska, New Jersey, Pennsylvania, Wisconsin and Wyoming to a moderate number of responsibilities in Arkansas, Idaho, Virginia and others.

EMS offices serve in various capacities as far as being prepared for and dealing with disaster and emergency situations. A little more than half of the offices (out of a total of 48) are satisfied with their level of activity in each capacity listed in Table VIII. However, 20 states responded that the office should be more deeply involved in statewide MCI and disaster planning, 17 and 16 states responded that they should be more active in statewide MCI and disaster operations and hospital/MCI disaster planning, respectively. Virtually no states felt their level of involvement should be less for any listed activity. Approximately 15% of the states responded that they should have greater involvement in all listed activities; and, Table IX describes what conditions must be met before the involvement could be greater. Many states responded that funding and personnel would have to be increased and interagency coordination would need to be improved. Only one respondent felt that the federal laws would have to be changed before increased involvement was possible, and this in only two activity areas. Other areas with significant positive response are that guidance or training be made available and a change in state or local laws would be necessary.

NDMS

The National Disaster Medical System (NDMS) was created to deal with medical care needs in disasters of great magnitude and is a cooperative effort by the Department of Health and Human Services, the Department of Defense, the Federal Emergency Medical Association, state and local governments, and the private sector.[1] Surprisingly, 14 states responded that they know nothing about the NDMS. The probable reason for this could be that the NDMS is relatively new and is still working to involve more areas of the country, as not all states are full participants at this time. Thirty-nine states reported that they would like to learn more about the NDMS. Apparently, more routine communications between the NDMS office and the EMS office would be beneficial (see Table X).

---

[1] From Facts on NDMS. Produced by the U.S. Public Health Service.

TABLE V

EMS COMMUNICATIONS CAPABILITIES

A. AGGREGATE ASSESSMENT OF CURRENT STATE EMS COMMUNICATIONS CAPABILITIES FOR DEALING WITH EMERGENCIES:

	Quite Adequate	Needs Some Improvement	Needs Serious Improvement	No Response
Everyday Problems	22	26	—	2
Mass Casualty Incidents	12	29	7	2
Disasters	6	30	13	1

TABLE V-B

B. AGGREGATE ASSESSMENT OF EMS COMMUNICATIONS CAPABILITIES FOR DEALING WITH EMERGENCIES FIVE YEARS FROM NOW:

	Quite Adequate	Needs Some Improvement	Needs Serious Improvement	No Response
Everyday Problems	24	17	6	3
Mass Casualty Incidents	18	18	12	2
Disasters	9	21	18	2

TABLE VI

FREQUENCY OF COMMUNICATION

ORGANIZATION	AT LEAST ONCE A WEEK	ABOUT ONCE A MONTH	3-4 TIMES A YEAR	ABOUT ONCE A YEAR	LESS THAN ONCE A YEAR
U.S. Department of Transportation	6	14	15	7	8
U.S. Department of Health & Human Services	1	3	16	11	17
Federal Emergency Management Agency	1	2	19	10	18
Department of Defense	2	5	4	6	30
American Red Cross	1	12	24	7	4
State Disaster Services Office	15	16	15	2	2
State National Guard	3	4	15	9	19
Regional EMS	33	8	0	0	2
Local EMS	39	7	2	1	0

TABLE VII

ROLE OF EMS OFFICE IN DISASTER RELATED ACTIVITIES

STATE	Hospital MCI* or Disas. Planning	Hospital MCI/ Disas. Drills	Hospital Evacuations	State/MCI Disas. Planning	State/MCI Disas. Operations	Regional MCI/Disas. Planning	Regional MCI/Disas. Operations	Local MCI/Disas. Planning	Local MCI/Dis. Opera.
Alabama	E	E/PI	----------	E/PI	PI	------	-----	-----	-----
Alaska	P/PI	P/PI	PI	P/PI	P/PI	P/PI	P	P/PI	-----
Arizona									
Arkansas	E	E	E	E/P/PI	E/P/PI	E	E	E	E
California	E/P/PI	-----	-----	D/E/P/PI	D/E/P/PI	E/P/PI	E/PI	E/PI	E/PI
Colorado	PI	-----	-----	PI	-----	-----	E	-----	E
Connecticut	E/P/PI	E/P/PI	D/P	D/E/P/PI	D/E/P/PI	E/P/PI	P/PI	-----	-----
Delaware	P	PI	-----	P	D/E/P/PI	P/PI	PI	E/P/PI	P/PI
Florida	-----	-----	-----	-----	PI	-----	-----	-----	-----
Georgia	-----	E/P/PI	-----	PI	PI	PI	PI	E	PI
Hawaii	-----	-----	-----	PI	PI	PI	PI	PI	PI
Idaho	E/P/PI	E/P/PI	-----	E/P/PI	E/P/PI	E/P/PI	E/P/PI	E/P/PI	E/P/PI
Illinois	P/PI	E/P/PI	-----	-----	PI	-----	-----	P/PI	E/P/PI
Indiana	-----	-----	-----	E/P/PI	E/P/PI	E/P	E/P	D/E/P	E/P
Iowa	E/P/PI	D/E/P/PI	E/P	E/P/PI	E/P/PI	D/E/P/PI	D/E/P/PI	D/E/P/PI	D/E/P/PI
Kansas	-----	-----	-----	P	PI	-----	-----	-----	-----
Kentucky									
Louisiana									
Maine	D/E/P/PI	E/PI	D	-----	-----	PI	PI	PI	P
Maryland	PI	PI	PI	D/E/P/PI	D/E/P/PI	E/P/PI	E/P/PI	E/P/PI	E/P/PI
Massachusetts	E/P/PI	P	-----	D/E/P/PI	E/P/PI	E/PI	E	E	E
Michigan	E/P/PI	E/P/PI	E/P/PI	E/P/PI	E/P/PI	E/P/PI	E/P/PI	E/PI	E/PI
Minnesota	PI	PI	P	P	PI	PI	PI	E/PI	-----
Mississippi	-----	-----	-----	-----	-----	-----	-----	-----	-----
Missouri	-----	-----	-----	PI	PI	PI	PI	E/PI	E/PI

Explanation of Symbols:
P = Plan or assist in planning the activity.
PI= Participate in the activity
D = Direct the activity
E = Perform an evaluation of the activity
----- = Not involved in the activity

STATE	Hospital MCI* or Disas. Planning	Hospital MCI/ Disas. Drills	Hospital Evacuations	State/MCI Disas. Planning	State/MCI Disas. Operations	Regional MCI/Disas. Planning	Regional MCI/Disas. Operations	Local MCI/Disas. Planning	Local MCI/Dis. Opera.
Montana	-----	-----	-----	P/PI	PI	-----	-----	PI	-----
Nebraska	E/PI	-----	-----	PI	PI	-----	-----	-----	-----
Nevada	E/P	E/P/PI	E/P/PI	E/P	E/P	E/P	E/P	E/P/PI	E/P
New Hampshire	E/P/PI	E/P/PI	P	D/E/P/PI	E/P/PI	D/E/P/PI	E/P/PI	E/P	E/P
New Jersey	PI	E	E	PI	PI	-----	-----	-----	P
New Mexico	P	P	-----	P/PI	D/E/P/PI	-----	-----	E	-----
New York									
North Carolina	E/P/PI	E/P	D/E/P/PI	E/P/PI	E/P/PI	E/P/PI	E/P/PI	E/P/PI	E/P/PI
North Dakota	-----	-----	-----	P	P	-----	-----	-----	-----
Ohio	-----	-----	-----	P	-----	-----	-----	-----	-----
Oklahoma									
Oregon	PI	-----	-----	PI	PI	-----	-----	-----	-----
Pennsylvania	E	E	-----	PI	-----	-----	-----	-----	E
Rhode Island									
South Carolina	-----	-----	-----	P/PI	P/PI	P/PI	-----	P	E
South Dakota									
Tennessee	E/P/PI	E/P/PI	E/P/PI	D/P/PI	D/P/PI	D/E/P/PI	D/E/P/PI	D/E/P/PI	D/E/P/PI
Texas	E/P/PI	D/E/P/PI	P	D/E/P/PI	D/E/P/PI	D/E/P/PI	D/E/P/PI	D/E/P/PI	-----
Utah	E/PI	PI	-----	E/PI	E/PI	-----	-----	E/PI	E/PI
Vermont	E/PI	E/PI	-----	P/PI	P/PI	E/PI	E/PI	E/PI	E/PI
Virginia	-----	-----	-----	D/E/P/PI	D/E/P/PI	E/PI	E/PI	-----	-----
Washington	E/PI	PI	E	PI	-----	PI	E	PI	E
West Virginia	D/E/P/PI	E/PI	E/PI	D/E/P/PI	D/E/P/PI	E/PI	E/PI	E/PI	E/PI
Wisconsin	PI	PI	-----	PI	PI	-----	-----	-----	-----
Wyoming	E	E	-----	PI	-----	-----	-----	PI	-----

Explanation of Symbols: P = Plan or assist in planning the activity.
PI= Participate in the activity
D = Direct the activity
E = Perform an evaluation of the activity
----- = Not involved in the activity

STATE	Hospital MCI[*] or Disas. Planning	Hospital MCI/ Disas. Drills	Hospital Evacuations	State/MCI Disas. Planning	State/MCI Disas. Operations	Regional MCI/Disas. Planning	Regional MCI/Disas. Operations	Local MCI/Disas. Planning	Local MCI/Dis. Opera.
American Samoa									
D.C.	P	E/P/PI	-----	P	P	P	-----	P	P
Guam									
Puerto Rico									
Virgin Islands	P/PI	P/PI	PI	D/E/P/PI	D/E/P/PI	D/E/P/PI	D/E/P/PI	-----	-----

Explanation of Symbols:
P = Plan or assist in planning the activity.
PI= Participate In the activity
D = Direct the activity
E = Perform an evaluation of the activity
----- = Not involved in the activity

Footnote:

---

[*] Mass Casualty Incident

TABLE VIII

EMS AND DISASTER PREPAREDNESS - LEVELS OF ACTIVITY OF THE EMS OFFICE

	ABOUT RIGHT	SHOULD BE GREATER	SHOULD PROBABLY BE LESS	NOT A FUNCTION OF EMS OFFICE	NO RESPONSE
Hospital/MCI Disaster Planning	25	16	0	3	5
Hospital/MCI Disaster Drills	27	13	0	3	5
Hospital Evacuations	25	11	0	3	5
State-Level MCI/Disaster Planning	22	20	0	3	5
State-Level MCI/Disaster Operations	25	17	0	3	5
Regional MCI/Disaster Planning	25	13	1	3	5
Regional MCI/Disaster Operations	27	11	1	3	5
Local MCI/Disaster Planning	24	15	0	3	5
Local MCI/Disaster Operations	26	12	0	3	5
Other Related Activities	8	1	0	3	5

TABLE IX

EMS AND DISASTER PREPAREDNESS

CONDITIONS NECESSARY TO ALLOW AN INCREASE IN LEVEL OF INVOLVEMENT IN EMS ACTIVITIES

	FUNDING BE MADE AVAILABLE	PERSONNEL BE MADE AVAILABLE	GUIDANCE OR TRAINING BE MADE AVAILABLE	CHANGE STATE OR LOCAL LEGISLATION	CHANGE FEDERAL LEGISLATION	IMPROVE INTERAGENCY COORDINATION
Hospital/MCI Disaster Planning	10	14	7	3	1	12
Hospital/MCI Disaster Drills	7	10	4	0	0	11
Hospital Evacuations	6	7	6	1	0	7
State Level MCI/Disaster Planning	10	15	8	4	0	12
State-Level MCI/Disaster Operations	9	14	6	4	0	9
Regional MCI/Disaster Planning	7	11	7	4	0	9
Regional MCI/Disaster Operations	6	8	4	2	0	6
Local MCI/Disaster Planning	7	8	9	2	0	7
Local MCI/Disaster Operations	7	7	6	2	0	6
Other Related Activities	2	2	1	1	1	2

TABLE X

NATIONAL DISASTER MEDICAL SYSTEM (NDMS)

EMS staff familiarity with the NDMS

Familiar: 34

Know nothing about it: 14

No response: 2

State participates in NDMS

Yes: 22

No: 9

Not sure: 16

No response: 3

Interested in learning more about NDMS

Yes: 39

No: 7

No response: 4

A4375-8.3F
8/86

THE 1985 NATIONAL EMS DATA SUMMARY

STATE EMERGENCY MEDICAL SERVICES FACILITIES AND REGULATORY CONTROL

Produced by the National EMS Clearinghouse

1985

STATE EMERGENCY MEDICAL SERVICES FACILITIES AND REGULATORY CONTROL

This report represents a first effort by the NASEMSD to conduct a nationwide comprehensive survey of emergency medical services in the U.S. The NASEMSD plans to periodically resurvey the states in order to develop updated versions of this report. The reader is urged to notify the Association with recommendations for improving future reports, including obtaining survey information for subject areas not included in this report.

The National EMS Clearinghouse is a service of the National Association of State
Emergency Medical Service Directors, managed by
The Council of State Governments.

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PREFACE

Emergency Medical Services across the nation have evolved into sophisticated systems with multiple components that work together in order to save human lives. To enhance the effectiveness of the emergency medical services, the National Association of State Emergency Medical Services Directors (NASEMSD) has recognized the need for states to exchange information on successful and best practices in emergency medical services and for states of geographical proximity to assist each other in their efforts to respond quickly and expertly to emergency situations.

To foster communication and information exchange across the nation and ultimately to increase the effectiveness of emergency services, the NASEMSD, with financial support from the National Disaster Medical System, surveyed all state emergency medical services directors concerning emergency medical services programs in their state. The survey covered the following components of EMS:

1) State EMS Office Functioning
2) Transportation
3) Communications
4) EMS and Disaster Preparedness
5) Evaluation/Information Systems
6) Public Information/Education
7) Training
8) Facilities

The survey project was undertaken with the support of Tom Harmelink former Director of Emergency Medical Services, North Carolina and former President of NASEMSD.

The NASEMSD Clearinghouse Committee assumed responsibility for the project. The committee is chaired by Sam Channell, Associate Director, Emergency Medical Services, West Virginia. The survey was written by members of a sub-committee of the NASEMSD Clearinghouse Committee. Members on the sub-committee are: Chair, Drew Dawson, Chief, Emergency Medical Services Bureau, Montana; Barak Wolff, Chief, Emergency Medical Services Bureau, New Mexico; and Dan Manz, Director, Emergency Medical Services, Vermont.

Reports from the survey were compiled and written by Fran Berry, Director, The National EMS Clearinghouse and Ellen Hume, Associate Director, the National EMS Clearinghouse. Typing and data entry assistance were provided by Pat Bancroft and Joy Pettit. We extend appreciation to Ms. Bancroft and Ms. Pettit for their hard work.

The survey compilation resulted in six reports. They are: 1) Administrative Structure, Functions and Budget Sources of State Emergency Medical Services Offices; 2) State Emergency Medical Services Transportation Systems; 3) State Emergency Medical Services Information and Public Education Systems; 5) The Training of State Emergency Medical Service Personnel; and 6) State Emergency Medical Services Facilities and Regulatory Control.

We hope these reports will be a useful resource to those involved in emergency medical services in the states.

Paul Anderson, President
National Association of State
Emergency Medical Services
Directors

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EMS FACILITIES AND REGULATORY CONTROL

Introduction

Hospital personnel such as medical directors, emergency room administrators, physicians and nurses responsible for the treatment of victims of emergencies, and other EMS personnel require information concerning available facilities for emergency use, protocols regulating patient care (mandatory and voluntary), and specialized training requirements for EMS practitioners. This report brings together information that is of concern to this specialized group. It is one of a series of reports compiled by the National Association of State EMS Directors. The source of information for the reports is the first national EMS survey. The other reports in the series are:

(1) Structure, Function, and Budget Sources of State EMS Offices;

(2) EMS Transportation Systems;

(3) EMS Communications Systems and Levels of Preparedness for Disaster;

(4) EMS Information and Public Education Systems, and

(5) EMS Personnel Training

These reports are available through the NASEMSD at The Council of State Governments, Iron Works Pike, P.O. Box 11910, Lexington, KY 40578.

State Emergency Medical Facilities

All states provide emergency medical facilities for their citizens. The number of facilities varies from state to state as indicated in Table I. The total number of facilities appears to correspond to total population, in that, states with large populations have a larger number of facilities than states with low populations. For example, Alaska has a total of 27 hospitals and eight hospitals with a physician available 24 hours a day, while New York has a total of 328 hospitals and 260 hospitals with a physician available on a 24-hour basis.

Facilities Designations

Many states have a program in place to designate EMS facilities. Table II shows the variety of designations made by the states and the agency which is responsible for the facilities designations. Nineteen states do not designate trauma centers. In the states that do designate trauma centers, the state EMS office are responsible for the designation in 14 states, the regional councils make the designation in three states, and the remaining states use other agencies for the designation of trauma centers. Table III provides information on the current status of facilities designations. Many states report that designating facilities is an on-going project. In some states, the designations are under development or are partially complete.

TABLE 1

NUMBERS OF MEDICAL FACILITIES

STATE	Hospitals	Hospitals with 24-hr. emerg. service	Hospitals with 24-hr. physician availability	On-line Med. Control for ALS	Base Station/ Resource Hosp.	Other	Other
Alabama	137	103	51	43	36		
Alaska	27	27	8	18	1		
Arizona							
Arkansas	103	97	---	14	---		
California							
Colorado	---	---	---	---	---		
Connecticut	35	25	35	15	10		
Delaware							
Florida	250	---	---	---	---		
Georgia	219	---	---	---	---		
Hawaii	---	21	---	6	---		
Idaho	48	46	11	8	7		
Illinois	250	155	155	132	32		
Indiana	120	108	108	41	38		
Iowa	134	133	---	---	---		
Kansas	150	---	---	---	---		
Kentucky							
Louisiana							
Maine	41	30	11	22	7		
Maryland	65	60	---	20	15		
Massachusetts	186	110	105	23	3		
Michigan	203	197	100	43	--		
Minnesota	182	---	---	20-25	3		
Mississippi	125	---	---	---	---		
Missouri	175	160	80	40	8		
Montana	65	65	7	0	0		
Nebraska	---	---	---	---	---		
Nevada	23	20	20	12	0		
New Hampshire	29	26	28	3	28		
New Jersey	206	93	93	42	8		

STATE	Hospitals	Hospitals with 24-hr. emerg. service	Hospitals with 24-hr. physician availability	On-line Med. Control for ALS	Base Station/ Resource Hosp.	Other	Other
New Mexico	50	45	16	22	45		
New York	328	260	260	40	---		
North Carolina	132	120	76	60	9		
North Dakota	53	53	5	5	0		
Ohio	215	215	215	---	---		
Oklahoma							
Oregon							
Pennsylvania	286	231	220	---	---		
Rhode Island							
South Carolina	81	49	34	49	0		
South Dakota							
Tennessee	150	150	50	30	3		
Texas	495	297	297	---	---		
Utah	41	23	23	40	14		
Vermont	17	16	9	9	0		
Virginia	112	90	80	68	0		
Washington	107	102	53	---	---		
West Virginia	24	40	40	13	20		
Wisconsin	149	146	---	22	8		
Wyoming	28	27	10	3	0		
American Samoa							
D.C.	15	15	15	4	4		
Guam							
Puerto Rico							
Virgin Islands	2	2	2	1	1		

--- = Information not provided

TABLE II

FACILITIES DESIGNATIONS

	NOT DONE	STATE EMS OFFICE	REGIONAL COUNCILS	HOSPITAL LICENSING AGENCY	HEALTH SYSTEMS AGENCY	HOSPITAL ASSOCIATION	INDEPENDENT COMMISSION	HEALTH PLANNING AGENCY	OTHER
Categorize Trauma Centers	21	14	6	2					4
Categorize Spinal Cord Centers	28	8	5	1					2
Categorize Poison Centers	18	14	5	1					2
Categorize Psychiatric Emergency Centers	24	7	5	3				1	2
Categorize Burn Centers	23	8	6	3		1			2
Categorize Cardiac Centers	26	8	5	3					2
Categorize Neonatal Centers	18	8	5	3		1	1		7
Designate Trauma Centers	19	14	3	2	1		1		4
Designate Spinal Cord Centers	30	5	3	1					4
Designate Poison Centers	22	12	2	3					2
Designate Psychiatric Emergency Units	31	6	2	2				1	1
Designate Burn Centers	30	5	2	2		1			2
Designate Cardiac Centers	32	5	2	2					3
Verify Trauma Centers	26	14	2	2					2
Verify Spinal Cord Centers	31	8	3						2
Verify Poison Centers	26	13	3						4

	NOT DONE	STATE EMS OFFICE	REGIONAL COUNCILS	HOSPITAL LICENSING AGENCY	HEALTH SYSTEMS AGENCY	HOSPITAL ASSOCIATION	INDEPENDENT COMMISSION	HEALTH PLANNING AGENCY	OTHER
Verify Psychiatric Emergency Units	36	5	3	2				1	1
Verify Burn Centers	29	8	3			2			1
Verify Cardiac Centers	30	6	3	1		1			1
License Hospital Emergency Departments	10	1	2	23				1	5
Inspect Hospital Emergency Departments	6	2	2	28			1	1	5
Develop Standards for Freestanding Emergency Centers	24	2	2	6	1			3	4
License Freestanding Emergency Centers	25	1	2	8				1	4
Facility Standards for Certificate of Need (EMS)	16	2	2	4	3		2	12	5
Investigates Emergency Department Complaints	6	6	2	23				1	6
Standards for Hospital Based EMS Services	12	24	3	1					3
Include Facilities in State EMS Plan	7	25	5	1				2	2
Inspects Base Station Hospitals for ALS	19	14	5						2

TABLE III

FACILITIES DESIGNATIONS
(Aggregated Information[1])

	CURRENT STATUS				AUTHORITY			
	UNDER DEVELOPMENT	ONGOING PROJECT	PARTIALLY COMPLETE	COMPLETED PROJECT	STATUTORY	REGULATORY	VOLUNTARY	NONE
Categorize Trauma Centers	8	10	2	5	7	5	7	10
Categorize Spinal Cord Centers	6	5	0	4	7	2	4	11
Categorize Poison Centers	4	9	0	7	9	3	7	7
Categorize Psychiatric Emergency Centers	7	7	1	2	5	3	5	12
Categorize Burn Centers	6	5	0	7	6	3	6	11
Categorize Cardiac Centers	7	6	0	4	5	3	5	11
Categorize Neonatal Centers	3	11	0	7	7	3	8	9
Designate Trauma Centers	7	10	1	6	7	6	7	12
Designate Spinal Cord Centers	5	4	0	3	6	1	3	12
Designate Poison Centers	4	8	0	5	9	4	4	8
Designate Psychiatric Emergency Units	6	6	1	0	5	3	3	11
Designate Burn Centers	4	4	1	3	5	2	4	10
Designate Cardiac Centers	4	6	0	0	3	2	3	11
Verify Trauma Centers	7	9	0	3	8	4	5	12
Verify Spinal Cord Centers	7	5	0	0	5	2	3	12
Verify Poison Centers	4	10	0	1	7	2	3	11

	...............CURRENT STATUS..............				................AUTHORITY..............			
	UNDER DEVELOPMENT	ONGOING PROJECT	PARTIALLY COMPLETE	COMPLETED PROJECT	STATUTORY	REGULATORY	VOLUNTARY	NONE
Verify Psychiatric Emergency Units	6	6	1	1	4	2	3	11
Verify Burn Centers	5	7	1	1	6	2	4	10
Verify Cardiac Centers	5	7	0	1	3	2	4	12
License Hospital Emergency Departments	3	19	0	5	17	10	1	7
Inspect Hospital Emergency Departments	2	24	0	4	16	12	1	4
Develop Standards for Free-standing Emergency Centers	13	4	0	2	7	9	0	9
License Freestanding Emergency Centers	13	6	0	2	6	7	1	10
Facility Standards for Certificate-of Need (EMS)	5	14	0	3	10	7	2	10
Investigates Emergency Department Complaints	4	21	0	3	13	11	2	5
Standards for Hospital Based EMS Services	7	16	1	3	9	11	4	6
Include Facilities in State EMS Plan	6	14	0	7	8	7	8	5
Inspects Base Station Hospitals for ALS	5	12	0	4	3	11	5	7

Footnotes:

1. The numbers in the table represent the total number of states that responded to that category.

Physician/Nurse Training

Tables IV and V provide information on the responsibilities of state EMS offices relative to nurse or physician training. As the tables indicate, very few activities for physician or nurse training are the responsibility of the state EMS office. Only the District of Columbia reports heavy involvement in physician/nurse training programs. A majority of the states report that a medical director is required for EMS training programs (see Table VI).

Specialized Training Programs

Many states offer specialized training for EMS personnel. Table VII provides information on available training programs and whether the programs are mandatory, optional, or not available in the states.

TABLE IV

PHYSICIAN/NURSE TRAINING

STATE	MINIMUM STANDARDS SET FOR ED PRACTICE		STATE OFFICE CONDUCTS TRAINING PROGRAMS		STATE OFFICE WRITES CURRICULA		CERTIFICATION AVAILABLE FOR ED PRACTICE		STATE OFFICE COORDINATES ACLS TRAINING		STATE OFFICE COORDINATES/ SUPPORTS ATLS TRAINING	
	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse
Alabama	No	No	No	No	No	No	No	No	No	No	No	No
Alaska	No	No	No	No	No	No	No	No	No	No	Yes	No
Arizona*												
Arkansas	No	No	No	No	No	No	No	No	No	No	No	No
California	No	No	No	No	No	No	No	No	No	No	No	No
Colorado	No	No	No	No	No	No	No	No	No	No	Yes	No
Connecticut	No	No	No	No	No	No	No	No	No	No	No	No
Delaware	---	---	---	---	---	---	---	---	---	---	---	---
Florida	No	No	No	No	No	No	No	No	No	No	No	No
Georgia	No	No	No	No	No	No	Yes	Yes	No	No	Yes	Yes
Hawaii	No	No	No	No	No	No	No	No	No	No	Yes	Yes
Idaho	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Illinois	Yes	Yes	No	No	No	No	No	No	No	No	No	No
Indiana	No	No	No	No	No	No	No	No	No	No	No	No
Iowa	No	No	No	No	No	No	No	No	No	No	No	No
Kansas	No	No	No	No	No	No	No	No	No	No	No	No

STATE	MINIMUM STANDARDS SET FOR ED PRACTICE		STATE OFFICE CONDUCTS TRAINING PROGRAMS		STATE OFFICE WRITES CURRICULA		CERTIFICATION AVAILABLE FOR ED PRACTICE		STATE OFFICE COORDINATES ACLS TRAINING		STATE OFFICE COORDINATES/ SUPPORTS ATLS TRAINING	
	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse
Kentucky	---	---	---	---	---	---	---	---	---	---	---	---
Louisiana	No	No	No	No	No	No	No	No	No	No	No	No
Maine	No	No	No	No	No	No	No	No	No	No	No	No
Maryland	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Yes
Massachusetts	No	No	No	Yes	No	Yes	No	No	No	No	No	No
Michigan	No	No	No	No	No	No	No	No	No	No	No	No
Minnesota	No	No	No	No	No	No	No	No	No	No	Yes	Yes
Mississippi	---	---	---	---	---	---	---	---	---	---	---	---
Missouri	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Montana	No	No	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes
Nebraska	No	No	No	No	No	No	No	No	No	No	No	No
Nevada	No	No	No	No	No	No	No	No	No	No	No	No
New Hampshire	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes
New Jersey	U	U	No	No	No	Yes	No	No	Yes	Yes	Yes	Yes
New Mexico	No	No	Yes	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes
New York	No	No	No	No	No	No	No	No	No	No	No	No
N. Carolina	No	No	No	No	No	No	No	No	No	No	No	No
North Dakota	No	---	No	No	No	No	No	---	No	No	No	No

STATE	MINIMUM STANDARDS SET FOR ED PRACTICE		STATE OFFICE CONDUCTS TRAINING PROGRAMS		STATE OFFICE WRITES CURRICULA		CERTIFICATION AVAILABLE FOR ED PRACTICE		STATE OFFICE COORDINATES ACLS TRAINING		STATE OFFICE COORDINATES/ SUPPORTS ATLS TRAINING	
	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse
Ohio	---	---	---	---	---	---	---	---	---	---	---	---
Oklahoma	No	No	No	No	No	No	No	No	No	No	No	No
Oregon	---	---	---	---	---	---	---	---	---	---	---	---
Pennsylvania	No	No	No	No	No	No	No	No	Yes	Yes	No	No
Rhode Island	Yes	Yes	No	No	No	No	No	No	No	No	Yes	Yes
S. Carolina	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
South Dakota *												
Tennessee	No	No	No	No	No	No	No	No	No	No	No	No
Texas	No	No	No	No	No	No	No	No	No	No	No	No
Utah	No	No	No	No	No	No	No	No	No	No	Yes	Yes
Vermont	No	No	No	No	No	No	No	No	No	No	No	No
Virginia	No	No	No	No	No	No	No	No	No	No	No	No
Washington	No	No	No	No	No	No	No	No	No	No	No	No
West Virginia	No	No	No	No	No	No	No	No	No	No	Yes	Yes
Wisconsin	No	No	No	No	No	No	No	No	No	No	No	No
Wyoming	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No

STATE	MINIMUM STANDARDS SET FOR ED PRACTICE		STATE OFFICE CONDUCTS TRAINING PROGRAMS		STATE OFFICE WRITES CURRICULA		CERTIFICATION AVAILABLE FOR ED PRACTICE		STATE OFFICE COORDINATES ACLS TRAINING		STATE OFFICE COORDINATES/ SUPPORTS ATLS TRAINING	
	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse
D.C.	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Amer. Samoa *												
Guam	No	No	No	No	No	No	No	No	No	No	Yes	Yes
Puerto Rico *												
Virgin Is.	U	U	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	---

KEY:

U = Under Development
--- = Information Not Provided
ACLS = Advanced Cardiac Life Support
ATLS = Advanced Training Life Support
ED = Emergency Department

* = These states did not return the survey

TABLE V

PHYSICIAN/NURSE TRAINING

STATE	TRIAGE MANAGEMENT		INCIDENT COMMAND SYSTEM TRAINING		HEALTH AND MEDICAL ASPECTS OF DISASTER MANAGEMENT		BASIC DISASTER OPERATIONS COURSE (FEMA 4 DAYS)		INTRODUCTION TO EMERGENCY MANAGEMENT (FEMA 1.5 DAYS)	
	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse
Alabama	No	---	No	No	No	No	No	No	No	No
Alaska	No	No	No	No	No	No	No	No	No	No
Arizona *										
Arkansas	No	No	No	No	No	No	No	No	No	No
California	No	No	No	No	No	No	No	No	No	No
Colorado	No	No	No	No	No	No	No	No	No	No
Connecticut	No	No	No	No	No	No	No	No	No	No
Delaware	---	---	---	---	---	---	---	---	---	---
Florida	No	No	No	No	No	No	No	No	No	No
Georgia	No	No	No	No	No	No	No	No	No	No
Hawaii	No	No	No	No	No	No	No	No	No	No
Idaho	No	No	No	No	No	No	No	No	No	No
Illinois	No	No	No	No	No	No	No	No	No	No
Indiana	No	No	No	No	No	No	No	No	No	No
Iowa	No	No	No	No	No	No	No	No	No	No
Kansas	No	No	No	No	No	No	No	No	No	No

STATE	TRIAGE MANAGEMENT		INCIDENT COMMAND SYSTEM TRAINING		HEALTH AND MEDICAL ASPECTS OF DISASTER MANAGEMENT		BASIC DISASTER OPERATIONS COURSE (FEMA 4 DAYS)		INTRODUCTION TO EMERGENCY MANAGEMENT (FEMA 1.5 DAYS)	
	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse
Kentucky	---	---	---	---	---	---	---	---	---	---
Louisiana	No	No	No	No	No	No	No	No	No	No
Maine	No	No	No	No	No	No	No	No	No	No
Maryland	U	U	U	U	U	U	No	No	No	No
Massachusetts	No	No	No	No	No	No	U	U	U	U
Michigan	No	No	No	No	No	No	No	No	No	No
Minnesota	No	No	No	No	No	No	No	No	No	No
Mississippi	---	---	---	---	---	---	---	---	---	---
Missouri	No	No	No	No	No	No	No	No	No	No
Montana	No	No	No	No	No	No	No	No	No	No
Nebraska	No	No	No	No	No	No	No	No	No	No
Nevada	No	No	No	No	No	No	No	No	No	No
New Hampshire	Yes	Yes	Yes	Yes	No	No	No	No	No	No
New Jersey	No	No	No	No	No	No	No	No	No	No
New Mexico	No	No	No	No	No	No	No	No	No	No
New York	No	No	No	No	No	No	No	No	No	No
N. Carolina	No	No	No	No	No	No	No	No	No	No
North Dakota	No	No	No	No	No	No	No	No	No	No

STATE	TRIAGE MANAGEMENT		INCIDENT COMMAND SYSTEM TRAINING		HEALTH AND MEDICAL ASPECTS OF DISASTER MANAGEMENT		BASIC DISASTER OPERATIONS COURSE (FEMA 4 DAYS)		INTRODUCTION TO EMERGENCY MANAGEMENT (FEMA 1.5 DAYS)	
	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse
Ohio	---	---	---	---	---	---	---	---	---	---
Oklahoma	No	No	No	No	No	No	No	No	No	No
Oregon	---	---	---	---	---	---	---	---	---	---
Pennsylvania	No	No	No	No	No	No	n/a	n/a	n/a	n/a
Rhode Island	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
S. Carolina	No	No	No	No	Yes	Yes	No	No	No	No
South Dakota *										
Tennessee	No	No	No	No	No	No	No	No	No	No
Texas	No	No	No	No	No	No	---	---	No	No
Utah	No	No	No	No	No	No	No	No	No	No
Vermont	No	No	No	No	No	No	No	No	No	No
Virginia	No	No	No	No	No	No	No	No	No	No
Washington	No	No	No	No	No	No	No	No	No	No
West Virginia	No	No	No	No	No	No	No	No	No	No
Wisconsin	No	No	No	No	No	No	No	No	No	No
Wyoming	No	No	No	No	No	No	No	No	No	No

STATE	TRIAGE MANAGEMENT		INCIDENT COMMAND SYSTEM TRAINING		HEALTH AND MEDICAL ASPECTS OF DISASTER MANAGEMENT		BASIC DISASTER OPERATIONS COURSE (FEMA 4 DAYS)		INTRODUCTION TO EMERGENCY MANAGEMENT (FEMA 1.5 DAYS)	
	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse
D.C.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Amer. Samoa *										
Guam	No	No	No	No	No	No	No	No	No	No
Puerto Rico *										
Virgin Is.	U	U	No	No	No	No	No	No	No	No

KEY:

U = Under Development
--- = Information Not Provided
* = These states did not return the survey

TABLE VI

MEDICAL DIRECTOR REQUIRED FOR TRAINING PROGRAM

EMT				EMT-I				EMT-CC				EMT-P				FIRST RESPONDER			
Yes	No	N/A	NR	Yes	No	N/A	NR	Yes	No	N/A	NR	Yes	No	N/A	NR	Yes	No	N/A	NR
29	18	0	2	37	1	6	5	19	2	12	16	45	1	1	2	5	25	7	12

TABLE VII

SPECIALIZED TRAINING PROGRAMS FOR EMERGENCY MEDICAL PERSONNEL

TRAINING PROGRAMS	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Dispatcher	D = 3	D = 3	D = 1	D = 3	D = 2
	N = 8	N = 6	N = 5	N = 9	N = 6
	R = 2	R = 1	R = 1	R = 1	R = 0
	OP= 21	OP= 15	OP= 11	OP= 20	OP= 15
	OT= 1[1]	OT= 1[1]	OT= 1[1]	OT= 1[1]	OT= 1[1]
	NR= 9	NR= 18	NR= 26	NR= 10	NR= 20
Auto Extrication	N = 8	N = 6	N = 6	N = 8	N = 5
	R = 13	R = 9	R = 4	R = 10	R = 2
	OP= 16	OP= 11	OP= 9	OP= 14	OP= 18
	OT= 1[1]	OT= 1[1]	OT= 1[1]	OT= 1[1]	OT= 1[1]
	NR= 9	NR= 20	NR= 26	NR= 12	NR= 20
Special Rescue	N = 9	N = 7	N = 5	N = 10	N = 7
	R = 3	R = 1	R = 1	R = 1	R = 0
	OP= 18	OP= 13	OP= 11	OP= 17	OP= 20
	NR= 13	NR= 22	NR= 26	NR= 15	NR= 20
Hazardous Materials	D = 2	D = 1	D = 0	D = 1	D = 1
	N = 7	N = 5	N = 5	N = 8	N = 6
	R = 7	R = 5	R = 2	R = 6	R = 2
	OP= 17	OP= 12	OP= 10	OP= 16	OP= 15
	U = 1	U = 1	U = 0	U = 1	U = 1
	OT= 1[2]	OT= 1[2]	OT= 1[2]	OT= 1[2]	OT= 1[2]
	NR= 9	NR= 19	NR= 26	NR= 11	NR= 18
Driving Courses	D = 2	D = 1	D = 0	D = 2	D = 0
	N = 7	N = 6	N = 5	N = 8	N = 7
	R = 4	R = 2	R = 0	R = 3	R = 0
	OP= 19	OP= 14	OP= 11	OP= 18	OP= 16
	OT= 1[2]	OT= 1[2]	OT= 1[2]	OT= 1[2]	OT= 1[2]
	NR= 11	NR= 11	NR= 27	NR= 12	NR= 23
Farm Rescue	D = 1	D = 0	D = 0	D = 0	D = 0
	N = 17	N = 13	N = 8	N = 16	N = 13
	R = 1	R = 0	R = 0	R = 0	R = 0
	OP= 17	OP= 12	OP= 9	OP= 17	OP= 12
	NR= 9	NR= 18	NR= 28	NR= 11	NR= 19
Search Rescue	N = 14	N = 12	N = 9	N = 15	N = 12
	R = 2	R = 0	R = 0	R = 0	R = 0
	OP= 21	OP= 12	OP= 10	OP= 18	OP= 13
	U = 1	U = 1	U = 0	U = 1	U = 1
	NR= 9	NR= 19	NR= 26	NR= 11	NR= 19

KEY: R = Required
OP= Optional
N = None
D = Under development
U = In existance but not available
OT= Other (see footnotes)
NR= No response

Footnotes:

1. Dive Rescue (1); Training Offices (1); Emergency Rescue Tech. (1)
2. Department of Transportation

Protocols

Whether or not protocols are available and whether they are voluntary or mandatory is of concern to practitioners of emergency health care. Table VIII provides state-by-state information on the current status of written protocols concerning emergency procedures. The table indicates that written protocols are not, as yet, well developed in the states. Table IX also includes information on protocols as they concern the responsibility of the EMS office. Fourteen state EMS offices report that they have responsibility for writing EMS protocols, and 25 states report that they approve local patient care protocols. Only 18 states report that they are not involved in writing or approving written protocols. This indicates that EMS offices in many states are involved, in some capacity, with the issue of protocols concerning patient care.

TABLE VIII

MEDICAL CONTROL - STATUS OF WRITTEN PROTOCOLS

	MANDATORY BLS TREATMENT PROTOCOLS		MANDATORY ALS TREATMENT PROTOCOLS		VOLUNTARY BLS TREATMENT PROTOCOLS		MANDATORY INTERHOSPITAL TRANSFER PROTOCOLS		VOLUNTARY INTERHOSPITAL TRANSFER PROTOCOLS	
STATE	Regions	Statewide	Regions	Statewide	Regions	Statewide	Regions	Statewide	Regions	Statewide
Alabama	--	No	--	No	--	No	--	No	--	No
Alaska	--	--	--	--	6	Yes	--	--	6	Yes
Arizona*										
Arkansas	No	No	No	No	No	Yes	No	No	No	No
California	No	No	All	Yes	Unknown	No	All	Yes	--	No
Colorado	--	--	--	--	--	Yes	--	--	--	--
Connecticut	--	Yes	--	Yes	--	--	--	--	--	--
Delaware	--	--	--	--	--	--	--	--	--	--
Florida	--	No	--	Yes	--	Yes	--	No	--	Yes
Georgia	0	No	0	No	10	No	0	No	10	No
Hawaii	All	Yes	All	Yes	--	--	--	--	--	Yes
Idaho	--	--	--	--	--	Yes	--	--	--	Yes
Illinois	--	No	--	Yes	--	No	--	Yes	--	Yes
Indiana	0	No	0	Yes	3	Yes	0	No	0	Yes
Iowa	1	No	2	No	0	No	0	No	0	No
Kansas	--	--	--	--	--	Yes	--	--	--	--

	MANDATORY BLS TREATMENT PROTOCOLS		MANDATORY ALS TREATMENT PROTOCOLS		VOLUNTARY BLS TREATMENT PROTOCOLS		MANDATORY INTERHOSPITAL TRANSFER PROTOCOLS		VOLUNTARY INTERHOSPITAL TRANSFER PROTOCOLS	
STATE	Regions	Statewide	Regions	Statewide	Regions	Statewide	Regions	Statewide	Regions	Statewide
Kentucky	--	--	--	--	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--	--	--
Maine	1	No	6	No	--	--	4	No	--	--
Maryland	--	--	5	Yes	--	Yes	--	--	5	Yes
Massachusetts	--	No	6	No	--	No	--	No	4	No
Michigan	4	No	3	No	2	No	4	No	8	No
Minnesota	0	No	0	No	8	No	0	No	8	Yes
Mississippi	No	No	5	No	No	No	No	No	No	No
Missouri	--	--	--	--	--	--	--	--	--	--
Montana	0	No	0	No	0	Yes	0	No	0	No
Nebraska	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
Nevada	2	No	2	No	3	Yes	0	No	5	Yes
New Hampshire	--	No	4	No	--	Yes	--	No	Yes	No
New Jersey	0	No	1	No	0	No	Yes	No	0	No
New Mexico	Yes	No	2	No	--	--	--	--	--	--
New York	8	No	8	No	2	No	6	No	2	No
N. Carolina	--	--	--	--	--	--	--	--	--	--
North Dakota	--	No	--	No	--	Yes	--	No	--	No

	MANDATORY BLS TREATMENT PROTOCOLS		MANDATORY ALS TREATMENT PROTOCOLS		VOLUNTARY BLS TREATMENT PROTOCOLS		MANDATORY INTERHOSPITAL TRANSFER PROTOCOLS		VOLUNTARY INTERHOSPITAL TRANSFER PROTOCOLS	
STATE	Regions	Statewide	Regions	Statewide	Regions	Statewide	Regions	Statewide	Regions	Statewide
Ohio	--	No	--	Yes	--	No	--	No	--	No
Oklahoma	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--
Pennsylvania	No	Optional	Yes	No	--	--	--	No	Yes	No
Rhode Island	7	Yes	7	Yes	0	--	--	--	7	Yes
S. Carolina	0	No	0	No	0	No	0	No	4	No
South Dakota*										
Tennessee	0	No	0	No	3	No	0	No	3	No
Texas	Unknown	No	Unknown	No	12	Yes	No	No	12	Yes
Utah	--	Yes	--	Yes	--	--	--	No	--	Yes
Vermont	--	No	--	No	--	No	--	No	--	No
Virginia	0	No	7	No	2	No	0	No	8	No
Washington	8	No	8	No	--	--	8	No	--	--
West Virginia	0	No	7	Yes	0	No	0	No	7	Yes
Wisconsin	0	No	0	No	1	Yes	0	No	3	No
Wyoming	--	No	--	Yes	--	Yes	--	No	--	No

	MANDATORY BLS TREATMENT PROTOCOLS		MANDATORY ALS TREATMENT PROTOCOLS		VOLUNTARY BLS TREATMENT PROTOCOLS		MANDATORY INTERHOSPITAL TRANSFER PROTOCOLS		VOLUNTARY INTERHOSPITAL TRANSFER PROTOCOLS	
STATE	Regions	Statewide	Regions	Statewide	Regions	Statewide	Regions	Statewide	Regions	Statewide
D.C.	--	--	--	Yes	--	--	--	Yes	--	Yes
Amer. Samoa*										
Guam	--	No	--	No	--	No	--	No	--	No
Puerto Rico*										
Virgin Is.	--	Yes	--	Yes	--	--	--	Yes	--	Yes

KEY:

-- = Information not provided
* = These states did not return survey

TABLE IX

STATE OFFICE TRAINING ACTIVITIES

STATE		WRITES PATIENT CARE PROTOCOLS	APPROVES LOCAL PATIENT CARE PROTOCOLS	APPROVES EQUIPMENT USED IN TRAINING	FINANCIALLY ASSIST INSTRUCTORS	FINANCIALLY ASSIST STUDENTS	FINANCIALLY ASSIST COURSE PROVIDERS
Alabama	EMT	No	No	Yes	No	No	No
	EMT-I	No	No	Yes	No	No	No
	EMT-CC	---	---	---	---	---	---
	EMT-P	No	No	Yes	No	No	No
	F.R.	---	---	---	---	---	---
Alaska	EMT	No	No	Yes	No	No	No
	EMT-I	No	No	Yes	No	No	No
	EMT-CC	No	No	Yes	No	No	No
	EMT-P	No	No	No	No	No	No
	F.R.	No	No	No	No	No	No
Arizona*							
Arkansas	EMT	Yes	No	Yes	No	No	No
	EMT-I	---	---	---	---	---	---
	EMT-CC	---	---	---	---	---	---
	EMT-P	Yes	No	Yes	No	No	No
	F.R.	---	---	---	---	---	---
California	EMT	U	No	No	No	No	No
	EMT-I	---	---	---	---	---	---
	EMT-CC	U	No	No	No	No	No
	EMT-P	U	No	No	No	No	No
	F.R.	---	---	---	---	---	---
Colorado	EMT	Yes	Yes	No	No	No	No
	EMT-I	---	---	---	---	---	---
	EMT-CC	Yes	Yes	No	No	No	No
	EMT-P	Yes	Yes	No	No	No	No
	F.R.	---	---	---	---	---	---
Connecticut	EMT	Yes	Yes	Yes	Yes	Yes	Yes
	EMT-I	Yes	Yes	Yes	Yes	Yes	Yes
	EMT-CC	Yes	Yes	Yes	Yes	Yes	Yes
	EMT-P	Yes	Yes	Yes	Yes	Yes	Yes
	F.R.	Yes	Yes	Yes	Yes	No	No

STATE	WRITES PATIENT CARE PROTOCOLS	APPROVES LOCAL PATIENT CARE PROTOCOLS	APPROVES EQUIPMENT USED IN TRAINING	FINANCIALLY ASSIST INSTRUCTORS	FINANCIALLY ASSIST STUDENTS	FINANCIALLY ASSIST COURSE PROVIDERS
Delaware	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Florida	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Georgia	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Hawaii	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No
Idaho	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes
Illinois	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = Yes
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No

STATE	WRITES PATIENT CARE PROTOCOLS	APPROVES LOCAL PATIENT CARE PROTOCOLS	APPROVES EQUIPMENT USED IN TRAINING	FINANCIALLY ASSIST INSTRUCTORS	FINANCIALLY ASSIST STUDENTS	FINANCIALLY ASSIST COURSE PROVIDERS
Indiana	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No
Iowa	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No
Kansas	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No
	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = ---	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No
Kentucky	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Louisiana	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes
	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes
Maine	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No

STATE	WRITES PATIENT CARE PROTOCOLS	APPROVES LOCAL PATIENT CARE PROTOCOLS	APPROVES EQUIPMENT USED IN TRAINING	FINANCIALLY ASSIST INSTRUCTORS	FINANCIALLY ASSIST STUDENTS	FINANCIALLY ASSIST COURSE PROVIDERS
Maryland	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes
	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes
Massachusetts	EMT = U	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes
Michigan	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Minnesota	EMT = No	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = Yes	EMT-CC = No
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No
Mississippi	EMT = ---	EMT = ---	EMT = Yes	EMT = ---	EMT = ---	EMT = ---
	EMT-I = ---	EMT-I = Yes	EMT-I = Yes	EMT-I = ---	EMT-I = ---	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = Yes	EMT-P = Yes	EMT-P = ---	EMT-P = ---	EMT-P = Yes
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Missouri	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = Yes
	EMT-I = n/a	EMT-I = n/a	EMT-I = n/a	EMT-I = n/a	EMT-I = n/a	EMT-I = n/a
	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = Yes

STATE	WRITES PATIENT CARE PROTOCOLS	APPROVES LOCAL PATIENT CARE PROTOCOLS	APPROVES EQUIPMENT USED IN TRAINING	FINANCIALLY ASSIST INSTRUCTORS	FINANCIALLY ASSIST STUDENTS	FINANCIALLY ASSIST COURSE PROVIDERS
Montana	EMT = Yes	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = U	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a
	EMT-P = U	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No
Nebraska	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes
Nevada	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes
	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes
New Hampshire	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes
New Jersey	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = U	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = Yes
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
New Mexico	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes
	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes

STATE	WRITES PATIENT CARE PROTOCOLS	APPROVES LOCAL PATIENT CARE PROTOCOLS	APPROVES EQUIPMENT USED IN TRAINING	FINANCIALLY ASSIST INSTRUCTORS	FINANCIALLY ASSIST STUDENTS	FINANCIALLY ASSIST COURSE PROVIDERS
New York	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = Yes
	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = Yes
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = Yes
N. Carolina	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No
North Dakota	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No
Ohio	EMT = ---	EMT = ---	EMT = ---	EMT = Yes	EMT = ---	EMT = Yes
	EMT-I = ---	EMT-I = ---	EMT-I = Yes	EMT-I = ---	EMT-I = Yes	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = Yes	EMT-P = ---	EMT-P = Yes	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Oklahoma	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No	F.R. = No
Oregon	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---

STATE	WRITES PATIENT CARE PROTOCOLS	APPROVES LOCAL PATIENT CARE PROTOCOLS	APPROVES EQUIPMENT USED IN TRAINING	FINANCIALLY ASSIST INSTRUCTORS	FINANCIALLY ASSIST STUDENTS	FINANCIALLY ASSIST COURSE PROVIDERS
Pennsylvania	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No
	F.R. = n/a	F.R. = n/a	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No
Rhode Island	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes
S. Carolina	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
South Dakota *						
Tennessee	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = Yes	F.R. = ---	F.R. = ---	F.R. = No
Texas	EMT = ---	EMT = ---	EMT = Yes	EMT = ---	EMT = ---	EMT = ---
	EMT-I = ---	EMT-I = ---	EMT-I = Yes	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = Yes	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = Yes	F.R. = ---	F.R. = ---	F.R. = ---
Utah	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No

STATE	WRITES PATIENT CARE PROTOCOLS	APPROVES LOCAL PATIENT CARE PROTOCOLS	APPROVES EQUIPMENT USED IN TRAINING	FINANCIALLY ASSIST INSTRUCTORS	FINANCIALLY ASSIST STUDENTS	FINANCIALLY ASSIST COURSE PROVIDERS
Vermont	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = Yes
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = Yes
	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = Yes
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = Yes
Virginia	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = No	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No
Washington	EMT = Yes	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---
	EMT-I = Yes	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = Yes	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = Yes	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
West Virginia	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No
Wisconsin	EMT = Yes	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No
Wyoming	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes	EMT = No	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes	F.R. = No	F.R. = Yes

STATE	WRITES PATIENT CARE PROTOCOLS	APPROVES LOCAL PATIENT CARE PROTOCOLS	APPROVES EQUIPMENT USED IN TRAINING	FINANCIALLY ASSIST INSTRUCTORS	FINANCIALLY ASSIST STUDENTS	FINANCIALLY ASSIST COURSE PROVIDERS
D.C.	EMT = Yes	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = ---
	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = ---
	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = ---
Amer. Samoa*						
Guam	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Puerto Rico*						
Virgin Is.	EMT = Yes	EMT = n/a	EMT = Yes	EMT = Yes	EMT = ---	EMT = ---
	EMT-I = Yes	EMT-I = n/a	EMT-I = Yes	EMT-I = Yes	EMT-I = ---	EMT-I = ---
	EMT-CC = Yes	EMT-CC = n/a	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = n/a	EMT-P = Yes	EMT-P = Yes	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = n/a	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---

KEY:

U = Under Development
--- = Information Not Provided

* = These states did not return the survey

[illegible] 8.4F

THE 1985 NATIONAL EMS DATA SUMMARY

STATE EMERGENCY MEDICAL SERVICES PERSONNEL TRAINING

Produced by the National EMS Clearinghouse

1985

STATE EMERGENCY MEDICAL SERVICES PERSONNEL TRAINING

This report represents a first effort by the NASEMSD to conduct a nationwide comprehensive survey of emergency medical services in the U.S. The NASEMSD plans to periodically resurvey the states in order to develop updated versions of this report. The reader is urged to notify the Association with recommendations for improving future reports, including obtaining survey information for subject areas not included in this report.

The National EMS Clearinghouse is a service of the National Association of State
Emergency Medical Service Directors, managed by
The Council of State Governments.

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PREFACE

Emergency Medical Services across the nation have evolved into sophisticated systems with multiple components that work together in order to save human lives. To enhance the effectiveness of the emergency medical services, the National Association of State Emergency Medical Services Directors (NASEMSD) has recognized the need for states to exchange information on successful and best practices in emergency medical services and for states of geographical proximity to assist each other in their efforts to respond quickly and expertly to emergency situations.

To foster communication and information exchange across the nation and ultimately to increase the effectiveness of emergency services, the NASEMSD, with financial support from the National Disaster Medical System, surveyed all state emergency medical services directors concerning emergency medical services programs in their state. The survey covered the following components of EMS:

1) State EMS Office Functioning
2) Transportation
3) Communications
4) EMS and Disaster Preparedness
5) Evaluation/Information Systems
6) Public Information/Education
7) Training
8) Facilities

The survey project was undertaken with the support of Tom Harmelink former Director of Emergency Medical Services, North Carolina and former President of NASEMSD.

The NASEMSD Clearinghouse Committee assumed responsibility for the project. The committee is chaired by Sam Channell, Associate Director, Emergency Medical Services, West Virginia. The survey was written by members of a sub-committee of the NASEMSD Clearinghouse Committee. Members on the sub-committee are: Chair, Drew Dawson, Chief, Emergency Medical Services Bureau, Montana; Barak Wolff, Chief, Emergency Medical Services Bureau, New Mexico; and Dan Manz, Director, Emergency Medical Services, Vermont.

Reports from the survey were compiled and written by Fran Berry, Director, The National EMS Clearinghouse and Ellen Hume, Associate Director, the National EMS Clearinghouse. Typing and data entry assistance were provided by Pat Bancroft and Joy Pettit. We extend appreciation to Ms. Bancroft and Ms. Pettit for their hard work.

The survey compilation resulted in six reports. They are: 1) Administrative Structure, Functions and Budget Sources of State Emergency Medical Services Offices; 2) State Emergency Medical Services Transportation Systems; 3) State Emergency Medical Services Information and Public Education Systems; 5) The Training of State Emergency Medical Service Personnel; and 6) State Emergency Medical Services Facilities and Regulatory Control.

We hope these reports will be a useful resource to those involved in emergency medical services in the states.

Paul Anderson, President
National Association of State
Emergency Medical Services
Directors

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THE TRAINING OF STATE EMERGENCY MEDICAL SERVICE PERSONNEL

Introduction

Individuals that initiate medical treatment for victims of emergencies provide the critical first step in what is usually a series of medical procedures that could determine whether the patient lives or dies. Usually, these "first responders" are individuals trained in emergency medical procedures and therefore are a valuable resource in emergency situations.

To insure that emergency victims receive the highest quality care, states require that emergency medical care practitioners be trained in emergency medical care procedures. Following training, these individuals are credentialed at one of several levels of emergency care providers. This report provides information on the following five levels of emergency medical personnel: Emergency Medical Technician, (EMT); Emergency Medical Technician, Intermediate (EMT-I); Emergency Medical Technician, Critical Care (EMT-CC); Emergency Medical Technician, Paramedic (EMT-P); and First Responder. State laws that regulate the training and credentialing of EMT's and first responders vary from state to state. Sometimes the state laws vary so greatly that a credentialed EMT in one state can not easily move to a neighboring state and work in that state as an EMT. This report describes the state laws regulating the training and permitted medical procedures of emergency medical care providers. It is one of six reports compiled by NASEMSD staff using data from the first annual EMS survey. The other reports in the series are:

(1) Structure, Function, and Budget Sources of State EMS Offices;

(2) EMS Transportation Systems;

(3) EMS Communications Systems and Levels of Preparedness for Disaster;

(4) EMS Information and Public Education Systems, and

(5) EMS Facilities and Regulatory Control.

These reports are available from the NASEMSD, The Council of State Governments, Iron Works Pike, P.O. Box 11910, Lexington, KY 40578.

Training and Permitted Skills

EMS personnel must be trained in order to respond effectively to emergency situations. Personnel must be qualified to maintain treatment already instituted and to initiate treatment for life-threatening conditions that may develop while being transported to a treatment center.[1] States vary in their laws regulating training and permitted procedures for each category of emergency medical personnel. Table I lists the EMS personnel categories and the medical procedures that each is permitted to perform. For each procedure, most states responded that the procedure is allowed based upon the training of the individual and without special medical control. The high number of states that responded to this category points out that a model definition for EMS personnel, recognized by the majority of states, is lacking. Therefore, states must check credentials of individuals rather than depending upon titles when determining skill level. Table II lists what medication EMS personnel can dispense by their own authority. As the table indicates, EMT's can dispense very few medications. EMT-Paramedics can dispense some medications when under voice or other medical control. Most categories of EMS personnel are not permitted to dispense medication.

---

[1] Boyd, David R., Edloch, Richard F., and Micik, Sylvia; Systems Approach to Emergency Medical Care, Appleton-Century-Crofts/Norwalk, CT, 1983, pg. 164.

Table I

LEVELS OF TRAINING AND PERMITTED SKILLS
(Aggregated Information)

LEVELS OF TRAINING[1]

SKILLS	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
CPR	1: 0	1: 0	1: 0	1: 0	1: 0
	2: 1	2: 1	2: 1	2: 1	2: 0
	3: 0	3: 0	3: 0	3: 0	3: 0
	4: 44	4: 35	4: 15	4: 44	4: 33
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 0	6: 0	6: 0	6: 0
	7: 2	7: 2	7: 3	7: 2	7: 5
	8: 1	8: 0	8: 0	8: 0	8: 0
	9: 0	9: 10	9: 29	9: 1	9: 10
Bandaging and Splinting	1: 0	1: 0	1: 0	1: 0	1: 0
	2: 1	2: 1	2: 1	2: 1	2: 0
	3: 0	3: 0	3: 0	3: 0	3: 0
	4: 43	4: 34	4: 15	4: 42	4: 31
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 0	6: 0	6: 0	6: 0
	7: 2	7: 2	7: 3	7: 2	7: 4
	8: 2	8: 1	8: 0	8: 1	8: 2
	9: 0	9: 10	9: 29	9: 2	9: 11
Traction Splinting	1: 0	1: 0	1: 0	1: 0	1: 9
	2: 1	2: 1	2: 1	2: 1	2: 0
	3: 0	3: 0	3: 0	3: 0	3: 0
	4: 44	4: 35	4: 15	4: 43	4: 19
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 0	6: 0	6: 0	6: 0
	7: 2	7: 2	7: 3	7: 2	7: 6
	8: 1	8: 0	8: 0	8: 0	8: 4
	9: 0	9: 10	9: 29	9: 2	9: 10

Explanation of Symbols:

1-Not Allowed
2-Allowed by written protocol only
3-Allowed by voice medical control only
4-Allowed based upon the training of the individual and without special medical control
5-Allowed under other circumstances
6-Allowed by a combination of the above
7-Not defined or controlled
8-No response
9-Not applicable

Footnotes:

1. Numbers in the table represent how many states permit the skill to be performed, as indicated.

LEVELS OF TRAINING[1]

SKILLS	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Oropharyngeal Airways	1: 0	1: 0	1: 0	1: 0	1: 8
	2: 0	2: 0	2: 0	2: 0	2: 0
	3: 0	3: 0	3: 0	3: 1	3: 0
	4: 42	4: 34	4: 14	4: 41	4: 21
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 1	6: 1	6: 1	6: 0
	7: 3	7: 3	7: 4	7: 3	7: 6
	8: 3	8: 0	8: 0	8: 0	8: 4
	9: 0	9: 10	9: 29	9: 2	9: 9
Nasopharyngeal Airways	1: 6	1: 4	1: 0	1: 0	1: 14
	2: 0	2: 0	2: 0	2: 0	2: 0
	3: 0	3: 0	3: 0	3: 1	3: 0
	4: 34	4: 29	4: 14	4: 41	4: 12
	5: 1	5: 1	5: 0	5: 0	5: 1
	6: 0	6: 0	6: 1	6: 2	6: 0
	7: 3	7: 3	7: 3	7: 2	7: 7
	8: 4	8: 1	8: 1	8: 1	8: 6
	9: 0	9: 10	9: 29	9: 1	9: 8
Vital Signs	1: 0	1: 0	1: 0	1: 0	1: 2
	2: 0	2: 0	2: 0	2: 0	2: 0
	3: 0	3: 0	3: 0	3: 0	3: 0
	4: 45	4: 36	4: 16	4: 43	4: 33
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 0	6: 0	6: 0	6: 0
	7: 2	7: 2	7: 3	7: 2	7: 4
	8: 1	8: 0	8: 0	8: 2	8: 1
	9: 0	9: 10	9: 29	9: 1	9: 8

Explanation of Symbols:

1-Not Allowed
2-Allowed by written protocol only
3-Allowed by voice medical control only
4-Allowed based upon the training of the individual and without special medical control
5-Allowed under other circumstances
6-Allowed by a combination of the above
7-Not defined or controlled
8-No response
9-Not applicable

Footnotes:

1. Numbers in the table represent how many states permit the skill to be performed, as indicated.

LEVELS OF TRAINING[1]

SKILLS	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Patient Assessment	1: 1	1: 0	1: 0	1: 0	1: 1
	2: 0	2: 0	2: 0	2: 0	2: 0
	3: 0	3: 0	3: 0	3: 0	3: 0
	4: 44	4: 36	4: 16	4: 44	4: 33
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 0	6: 0	6: 0	6: 0
	7: 2	7: 2	7: 3	7: 2	7: 4
	8: 1	8: 0	8: 0	8: 1	8: 1
	9: 0	9: 10	9: 29	9: 1	9: 9
Short Spine Board	1: 0	1: 0	1: 0	1: 0	1: 8
	2: 1	2: 1	2: 1	2: 1	2: 0
	3: 0	3: 0	3: 0	3: 0	3: 0
	4: 43	4: 35	4: 15	4: 43	4: 20
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 0	6: 0	6: 0	6: 0
	7: 2	7: 2	7: 3	7: 2	7: 6
	8: 2	8: 0	8: 0	8: 1	8: 5
	9: 0	9: 10	9: 29	9: 1	9: 9
Long Spine Board/Other Devices	1: 0	1: 0	1: 0	1: 0	1: 8
	2: 1	2: 1	2: 1	2: 1	2: 0
	3: 0	3: 0	3: 0	3: 0	3: 0
	4: 43	4: 35	4: 15	4: 43	4: 22
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 0	6: 0	6: 0	6: 0
	7: 2	7: 2	7: 3	7: 2	7: 6
	8: 2	8: 0	8: 0	8: 1	8: 4
	9: 0	9: 10	9: 29	9: 1	9: 8

Explanation of Symbols:

1-Not Allowed
2-Allowed by written protocol only
3-Allowed by voice medical control only
4-Allowed based upon the training of the individual and without special medical control
5-Allowed under other circumstances
6-Allowed by a combination of the above
7-Not defined or controlled
8-No response
9-Not applicable

Footnotes:

1. Numbers in the table represent how many states permit the skill to be performed, as indicated.

LEVELS OF TRAINING[1]

SKILLS	EMT	EMT-I	EMT-CC	EMT-P	FIRST RESPONDER
MAST Trousers	1: 8	1: 0	1: 0	1: 0	1: 28
	2: 3	2: 3	2: 1	2: 3	2: 0
	3: 5	3: 3	3: 2	3: 7	3: 0
	4: 16	4: 18	4: 9	4: 23	4: 0
	5: 3	5: 0	5: 0	5: 0	5: 0
	6: 10	6: 13	6: 5	6: 14	6: 2
	7: 1	7: 1	7: 2	7: 0	7: 3
	8: 1	8: 0	8: 0	8: 0	8: 7
	9: 1	9: 10	9: 29	9: 1	9: 8
Peripheral Venipuncture	1: 36	1: 2	1: 1	1: 0	1: 32
	2: 0	2: 2	2: 1	2: 3	2: 0
	3: 2	3: 6	3: 3	3: 10	3: 0
	4: 1	4: 6	4: 2	4: 7	4: 0
	5: 1	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 20	6: 10	6: 27	6: 0
	7: 0	7: 1	7: 2	7: 0	7: 2
	8: 8	8: 1	8: 0	8: 0	8: 6
	9: 0	9: 10	9: 29	9: 1	9: 8
IV Infusions	1: 40	1: 2	1: 1	1: 0	1: 28
	2: 0	2: 1	2: 1	2: 3	2: 0
	3: 2	3: 7	3: 3	3: 11	3: 0
	4: 0	4: 6	4: 2	4: 7	4: 0
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 1	6: 19	6: 10	6: 25	6: 0
	7: 0	7: 0	7: 2	7: 0	7: 2
	8: 5	8: 3	8: 0	8: 1	8: 10
	9: 0	9: 10	9: 29	9: 1	9: 8

Explanation of Symbols:

1-Not Allowed
2-Allowed by written protocol only
3-Allowed by voice medical control only
4-Allowed based upon the training of the individual and without special medical control
5-Allowed under other circumstances
6-Allowed by a combination of the above
7-Not defined or controlled
8-No response
9-Not applicable

Footnotes:

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1. Numbers in the table represent how many states permit the skill to be performed, as indicated.

LEVELS OF TRAINING[1]

SKILLS	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Central IV Lines	1: 42	1: 25	1: 9	1: 12	1: 29
	2: 0	2: 1	2: 0	2: 2	2: 0
	3: 1	3: 3	3: 1	3: 10	3: 0
	4: 0	4: 2	4: 0	4: 2	4: 0
	5: 0	5: 0	5: 1	5: 1	5: 0
	6: 0	6: 5	6: 6	6: 19	6: 0
	7: 0	7: 0	7: 2	7: 0	7: 2
	8: 5	8: 2	8: 0	8: 0	8: 9
	9: 0	9: 10	9: 29	9: 1	9: 8
IV Maintenance Only	1: 28	1: 1	1: 1	1: 0	1: 27
	2: 1	2: 1	2: 1	2: 2	2: 0
	3: 1	3: 2	3: 1	3: 4	3: 0
	4: 7	4: 15	4: 7	4: 20	4: 0
	5: 2	5: 0	5: 0	5: 0	5: 0
	6: 3	6: 15	6: 6	6: 20	6: 1
	7: 0	7: 2	7: 2	7: 0	7: 2
	8: 6	8: 2	8: 1	8: 1	8: 10
	9: 0	9: 10	9: 29	9: 1	9: 8
Esophageal Obturator Airways	1: 33	1: 3	1: 0	1: 0	1: 29
	2: 0	2: 3	2: 1	2: 2	2: 0
	3: 2	3: 8	3: 2	3: 9	3: 0
	4: 2	4: 9	4: 3	4: 12	4: 0
	5: 2	5: 0	5: 0	5: 0	5: 0
	6: 3	6: 12	6: 10	6: 22	6: 0
	7: 1	7: 0	7: 2	7: 0	7: 2
	8: 4	8: 2	8: 0	8: 1	8: 8
	9: 1	9: 11	9: 30	9: 2	9: 9

Explanation of Symbols:

1-Not Allowed
2-Allowed by written protocol only
3-Allowed by voice medical control only
4-Allowed based upon the training of the individual and without special medical control
5-Allowed under other circumstances
6-Allowed by a combination of the above
7-Not defined or controlled
8-No response
9-Not applicable

Footnotes:

1. Numbers in the table represent how many states permit the skill to be performed. as indicated.

LEVELS OF TRAINING[1]

SKILLS	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Esophageal Gastric Airways	1: 31	1: 4	1: 0	1: 1	1: 28
	2: 0	2: 2	2: 0	2: 1	2: 0
	3: 1	3: 7	3: 2	3: 9	3: 0
	4: 1	4: 7	4: 3	4: 10	4: 0
	5: 2	5: 0	5: 0	5: 0	5: 0
	6: 4	6: 12	6: 10	6: 22	6: 0
	7: 2	7: 1	7: 3	7: 1	7: 3
	8: 7	8: 5	8: 1	8: 3	8: 9
	9: 0	9: 29	9: 29	9: 1	9: 8
Endotracheal Intubation	1: 41	1: 25	1: 3	1: 1	1: 30
	2: 0	2: 0	2: 0	2: 2	2: 0
	3: 0	3: 1	3: 3	3: 10	3: 0
	4: 0	4: 4	4: 0	4: 6	4: 0
	5: 1	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 5	6: 11	6: 28	6: 0
	7: 1	7: 0	7: 2	7: 0	7: 2
	8: 5	8: 3	8: 0	8: 0	8: 8
	9: 0	9: 10	9: 29	9: 1	9: 8
Cardiac Monitoring	1: 35	1: 20	1: 1	1: 0	1: 28
	2: 0	2: 1	2: 2	2: 3	2: 0
	3: 0	3: 0	3: 1	3: 4	3: 0
	4: 4	4: 9	4: 7	4: 18	4: 0
	5: 1	5: 0	5: 0	5: 0	5: 0
	6: 1	6: 3	6: 5	6: 21	6: 0
	7: 2	7: 2	7: 3	7: 1	7: 3
	8: 5	8: 3	8: 0	8: 0	8: 9
	9: 0	9: 10	9: 29	9: 1	9: 8

Explanation of Symbols:

1-Not Allowed
2-Allowed by written protocol only
3-Allowed by voice medical control only
4-Allowed based upon the training of the individual and without special medical control
5-Allowed under other circumstances
6-Allowed by a combination of the above
7-Not defined or controlled
8-No response
9-Not applicable

Footnotes:

1. Numbers in the table represent how many states permit the skill to be performed, as indicated.

LEVELS OF TRAINING[1]

SKILLS	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Cardioversion	1: 42	1: 30	1: 3	1: 0	1: 29
	2: 0	2: 0	2: 2	2: 3	2: 0
	3: 0	3: 2	3: 3	3: 14	3: 0
	4: 0	4: 1	4: 0	4: 5	4: 0
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 1	6: 2	6: 9	6: 23	6: 0
	7: 0	7: 0	7: 2	7: 0	7: 2
	8: 5	8: 3	8: 0	8: 2	8: 9
	9: 0	9: 10	9: 29	9: 1	9: 8
Defibrillation	1: 42	1: 26	1: 1	1: 0	1: 29
	2: 0	2: 1	2: 2	2: 3	2: 0
	3: 0	3: 1	3: 3	3: 9	3: 0
	4: 0	4: 1	4: 0	4: 8	4: 0
	5: 0	5: 1	5: 0	5: 0	5: 0
	6: 2	6: 5	6: 11	6: 27	6: 0
	7: 0	7: 0	7: 2	7: 0	7: 2
	8: 4	8: 3	8: 0	8: 0	8: 9
	9: 0	9: 10	9: 29	9: 1	9: 8
Intracardiac Injection	1: 42	1: 31	1: 15	1: 17	1: 29
	2: 0	2: 0	2: 0	2: 1	2: 0
	3: 0	3: 0	3: 1	3: 10	3: 0
	4: 0	4: 1	4: 0	4: 1	4: 0
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 0	6: 1	6: 12	6: 0
	7: 0	7: 0	7: 2	7: 0	7: 2
	8: 6	8: 6	8: 0	8: 6	8: 9
	9: 0	9: 10	9: 29	9: 1	9: 8

Explanation of Symbols:

1-Not Allowed
2-Allowed by written protocol only
3-Allowed by voice medical control only
4-Allowed based upon the training of the individual and without special medical control
5-Allowed under other circumstances
6-Allowed by a combination of the above
7-Not defined or controlled
8-No response
9-Not applicable

Footnotes:

1. Numbers in the table represent how many states permit the skill to be performed, as indicated.

LEVELS OF TRAINING[1]

SKILLS	EMT	EMT-I	EMT-CC	EMT-P	FIRST RESPONDER
Thoracic Decompression	1: 40	1: 31	1: 13	1: 9	1: 29
	2: 0	2: 0	2: 0	2: 0	2: 0
	3: 0	3: 0	3: 2	3: 16	3: 0
	4: 0	4: 1	4: 0	4: 1	4: 0
	5: 0	5: 0	5: 1	5: 1	5: 0
	6: 0	6: 0	6: 1	6: 14	6: 0
	7: 0	7: 0	7: 2	7: 0	7: 2
	8: 8	8: 6	8: 0	8: 6	8: 9
	9: 0	9: 10	9: 29	9: 1	9: 8
Crieothyroidotomy	1: 41	1: 30	1: 14	1: 11	1: 29
	2: 0	2: 0	2: 0	2: 0	2: 0
	3: 0	3: 0	3: 1	3: 16	3: 0
	4: 0	4: 1	4: 0	4: 1	4: 0
	5: 0	5: 0	5: 1	5: 1	5: 0
	6: 0	6: 1	6: 1	6: 13	6: 0
	7: 1	7: 1	7: 2	7: 0	7: 2
	8: 6	8: 5	8: 0	8: 5	8: 9
	9: 0	9: 10	9: 29	9: 1	9: 8
Nasogastric Tube Insertion	1: 40	1: 28	1: 9	1: 5	1: 29
	2: 0	2: 0	2: 0	2: 0	2: 0
	3: 0	3: 0	3: 2	3: 14	3: 0
	4: 1	4: 2	4: 1	4: 4	4: 0
	5: 0	5: 0	5: 1	5: 1	5: 0
	6: 0	6: 3	6: 4	6: 20	6: 0
	7: 0	7: 0	7: 2	7: 0	7: 2
	8: 7	8: 5	8: 0	8: 3	8: 9
	9: 0	9: 10	9: 29	9: 1	9: 8

Explanation of Symbols:

1-Not Allowed
2-Allowed by written protocol only
3-Allowed by voice medical control only
4-Allowed based upon the training of the individual and without special medical control
5-Allowed under other circumstances
6-Allowed by a combination of the above
7-Not defined or controlled
8-No response
9-Not applicable

Footnotes:

1. Numbers in the table represent how many states permit the skill to be performed, as indicated.

LEVELS OF TRAINING[1]

SKILLS	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Urinary Catheterization	1: 41	1: 32	1: 13	1: 17	1: 30
	2: 0	2: 0	2: 0	2: 0	2: 0
	3: 0	3: 0	3: 1	3: 10	3: 0
	4: 0	4: 1	4: 0	4: 2	4: 0
	5: 0	5: 0	5: 1	5: 1	5: 0
	6: 2	6: 1	6: 2	6: 11	6: 0
	7: 0	7: 0	7: 2	7: 1	7: 2
	8: 5	8: 4	8: 0	8: 5	8: 8
	9: 0	9: 10	9: 29	9: 1	9: 8

Explanation of Symbols:

1-Not Allowed
2-Allowed by written protocol only
3-Allowed by voice medical control only
4-Allowed based upon the training of the individual and without special medical control
5-Allowed under other circumstances
6-Allowed by a combination of the above
7-Not defined or controlled
8-No response
9-Not applicable

Footnotes:

1. Numbers in the table represent how many states permit the skill to be performed, as indicated.

Table II

LEVELS OF TRAINING AND PERMITTED SKILLS

MEDICATIONS

MEDICATIONS	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Diazepam (Valium)	1: 42	1: 30	1: 5	1: 2	1: 28
	2: 0	2: 0	2: 1	2: 1	2: 0
	3: 0	3: 0	3: 3	3: 16	3: 0
	4: 0	4: 2	4: 0	4: 3	4: 0
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 1	6: 8	6: 23	6: 0
	7: 0	7: 0	7: 2	7: 0	7: 2
	8: 6	8: 5	8: 0	8: 2	8: 10
	9: 0	9: 10	9: 29	9: 1	9: 8
Epinephrine (for anaphylaxis)	1: 39	1: 23	1: 1	1: 0	1: 29
	2: 1	2: 1	2: 1	2: 1	2: 0
	3: 0	3: 4	3: 5	3: 14	3: 0
	4: 1	4: 1	4: 0	4: 4	4: 0
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 1	6: 4	6: 10	6: 27	6: 0
	7: 0	7: 0	7: 2	7: 0	7: 2
	8: 6	8: 5	8: 0	8: 1	8: 9
	9: 0	9: 10	9: 29	9: 1	9: 8
Narcan	1: 41	1: 25	1: 1	1: 0	1: 29
	2: 0	2: 0	2: 1	2: 1	2: 0
	3: 0	3: 3	3: 5	3: 13	3: 0
	4: 0	4: 1	4: 0	4: 4	4: 0
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 3	6: 10	6: 27	6: 0
	7: 0	7: 0	7: 2	7: 0	7: 2
	8: 7	8: 6	8: 0	8: 2	8: 9
	9: 0	9: 10	9: 29	9: 1	9: 8

Explanation of Symbols:

Numbers represent the number of states with the following policies (by type of medicine)

1-Not Allowed
2-Allowed by written protocol only
3-Allowed by voice medical control only
4-Allowed based upon the training of the individual and without special medical control
5-Allowed under other circumstances
6-Allowed by a combination of the above
7-Not defined or controlled
8-No response
9-Not applicable

MEDICATIONS

MEDICATIONS	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Nitroglycerine	1: 39	1: 26	1: 1	1: 0	1: 29
	2: 0	2: 0	2: 2	2: 3	2: 0
	3: 0	3: 3	3: 4	3: 14	3: 0
	4: 1	4: 2	4: 0	4: 4	4: 0
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 2	6: 10	6: 25	6: 0
	7: 0	7: 0	7: 2	7: 0	7: 2
	8: 8	8: 5	8: 0	8: 1	8: 9
	9: 0	9: 10	9: 29	9: 1	9: 8
Dextrose 50%	1: 40	1: 18	1: 1	1: 0	1: 29
	2: 0	2: 1	2: 2	2: 2	2: 0
	3: 1	3: 4	3: 4	3: 13	3: 0
	4: 0	4: 2	4: 0	4: 5	4: 0
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 8	6: 10	6: 25	6: 0
	7: 0	7: 0	7: 2	7: 0	7: 2
	8: 7	8: 5	8: 0	8: 1	8: 9
	9: 0	9: 10	9: 29	9: 1	9: 8
All ALS Cardiac Medications	1: 42	1: 30	1: 1	1: 0	1: 29
	2: 0	2: 0	2: 0	2: 1	2: 0
	3: 0	3: 0	3: 6	3: 15	3: 0
	4: 0	4: 1	4: 0	4: 4	4: 0
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 2	6: 9	6: 25	6: 0
	7: 0	7: 0	7: 2	7: 0	7: 2
	8: 6	8: 5	8: 1	8: 2	8: 9
	9: 0	9: 10	9: 29	9: 1	9: 8

Explanation of Symbols:

1-Not Allowed
2-Allowed by written protocol only
3-Allowed by voice medical control only
4-Allowed based upon the training of the individual and without special medical control
5-Allowed under other circumstances
6-Allowed by a combination of the above
7-Not defined or controlled
8-No response
9-Not applicable

MEDICATIONS

MEDICATIONS	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Syrup of Ipecac	1: 12	1: 6	1: 0	1: 0	1: 17
	2: 1	2: 1	2: 0	2: 0	2: 1
	3: 4	3: 4	3: 3	3: 9	3: 0
	4: 20	4: 16	4: 8	4: 21	4: 8
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 3	6: 4	6: 5	6: 14	6: 1
	7: 2	7: 2	7: 2	7: 1	7: 3
	8: 6	8: 5	8: 1	8: 2	8: 10
	9: 0	9: 10	9: 29	9: 1	9: 8
Other	1: 23	1: 14	1: 1	1: 0	1: 14
	2: 0	2: 0	2: 0	2: 0	2: 0
	3: 0	3: 1	3: 4	3: 10	3: 0
	4: 0	4: 0	4: 0	4: 0	4: 0
	5: 0	5: 0	5: 0	5: 0	5: 0
	6: 0	6: 1	6: 2	6: 10	6: 1
	7: 0	7: 0	7: 2	7: 0	7: 2
	8: 25	8: 22	8: 10	8: 27	8: 23
	9: 0	9: 10	9: 29	9: 1	9: 8

Explanation of Symbols:

1-Not Allowed
2-Allowed by written protocol only
3-Allowed by voice medical control only
4-Allowed based upon the training of the individual and without special medical control
5-Allowed under other circumstances
6-Allowed by a combination of the above
7-Not defined or controlled
8-No response
9-Not applicable

Training of EMS Personnel

Providers of emergency medical services vary in the amount of training they receive as well as the level of service they are statutorily permitted to provide. States also differ in the level of emergency medical personnel they formally recognize, provide training for, and regulate. Table III depicts five levels of emergency medical providers and lists the agency responsible for determining, through examination, that the individuals are competent to provide particular emergency services.

In most cases, an educational institution or the health department is responsible for administering the practical and written exams to the various levels of EMS personnel. There are many exceptions, as Table III shows. One notable exception is in Wisconsin where the independent board is responsible for administering the written and practical exam. Wisconsin's board is the only state board to have this responsibility. Other exceptions are the District of Columbia, where the fire department administers exams to EMS personnel, and the Virgin Islands, where the police administer the exams to first responders.

The column for EMT-Critical Care providers is blank in the majority of states. Apparently, most states do not regulate this group or recognize them as distinct from other EMT groups.

The health department is the certifying agency for most state EMS groups. Again, there are numerous exceptions as indicated in Table III. It is interesting to note that New Mexico is the only state where an educational institution is the agency responsible for certifying any category of EMS personnel.

In virtually all states, regulation of EMS personnel is authorized through statute, and in many cases a regulatory agency authorizes or co-authorizes the regulation (see Table IV). Exceptions to this are Colorado, Indiana, Missouri, Montana, North Dakota, Pennsylvania and Wisconsin, where first responders are voluntarily regulated. In Colorado, the regulation of EMT-Intermediates is not authorized, and in Illinois, Minnesota, Nebraska, New Mexico and Utah, regulation of first responders is not authorized.

Certification Procedure for EMS Providers

The certification procedure usually involves a written and/or practical exam. In Michigan, no exams are required for EMS personnel. In a few states, Alabama, Colorado, Illinois, Maine, Nevada, Pennsylvania, Wisconsin, and the District of Columbia, the local medical authority conducts the certification procedure for one or more of the EMS professional groups. In addition, Illinois requires EMT-Intermediates and EMT-Paramedics to complete a supervised field internship/experience before certification is granted.

The most widely used curriculum for training of EMS personnel is that developed and provided by the U.S. Department of Transportation. A few states, Alaska, Colorado, Connecticut, Maine, Maryland, Massachusetts, Nevada and Ohio, use a state-developed curriculum for one or more EMS professional groups; and a few states, Alaska, California, Hawaii and Missouri, employ a locally-developed curriculum for the training of one or more groups. In Illinois, no known curriculum is employed to train EMT-Critical Care providers.

Length of Training for EMS Providers

Length of training for EMS providers varies greatly from state to state (see Table V). The charts below summarizes the range of hours required and average number of hours required for didactic, practical, and clinical hospital training for EMT's, EMT-Intermediates, EMT-Critical Care providers, EMT-Paramedics, and First Responders.

Didactic Training Required

	EMT	EMT-I	EMT-CC	EMT-P	FIRST RESPONDER
Range of Minimum Hours	22-145	20-200	24-210	150-500	10-60
Average of Minimum Hours Required	96	67	117	305	31

Practical Training Required

	EMT	EMT-I	EMT-CC	EMT-P	FIRST RESPONDER
Range of Minimum hours	8-105	4-80	26-105	8-480	8-40
Average of Minimum Hours Required	43	29	69	150	48

Clinical-Hospital Training Required

	EMT	EMT-I	EMT-CC	EMT-P	FIRST RESPONDER
Range of Minimum Hours	5-80	10-150	40-508	40-500	0-20
Average of Minimum Hours Required	14	34	136	228	----

Table III

Certification, Examination, and Training for Manpower of Emergency Health Services

STATE	Agency Administering ....Practical Exam..........					Agency Administering ....Written exam.........					Certifying/Licen. Agy.				
	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder
Alabama	5	5	--	5	--	1	1	--	5	--	1	1	--	1	--
Alaska	1	1	1	6	1	1	1	1	6	1	1	1	1	2	1
Arizona															
Arkansas	1	1	--	1	--	1	1	--	1	--	1	1	--	1	--
California	4/5	--	4	4	--	4/5	--	4	4	--	4	--	4	4	--
Colorado	5	--	1	--	5	1	--	1	1	--	1	--	1	1	--
Connecticut	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Delaware	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Florida	5	--	--	5	--	6^1	--	--	6^1	--	6^1	--	--	6^1	--
Georgia	5	--	5	5	--	6^4	--	2	2	--	6^5	--	2	2	--
Hawaii	2	--	--	2	--	2	--	--	2	--	2	--	--	2	--
Idaho	6^4	$2/6^4$	--	$2/6^4$	6^4	6^4	$2/6^4$	--	$2/6^4$	6^4	6^4	2	--	2	6^4
Illinois	5	5	7	5	--	1	1	7	1	5	1	1	7	1	7
Indiana	$5/6^1$	$5/6^1$	--	$5/6^1$	5	6^4	6^4	--	6^4	5	6^4	6^4	--	6^4	6^4
Iowa	1	5	5	5	1	1	2	2	2	1	1	2	2	2	1
Kansas	6^6	6^6	--	6^6	--	6^6	6^6	--	6^6	--	6^6	6^6	--	6^6	--
Kentucky															
Louisiana															
Maine	1	1	1	1	1	1	1	1	1	1	1	1			
Maryland	6^4	6^4	6^4	6^4	--	6^4	6^4	6^4	6^4	6^4	6^4	6^4	1	1	1

Explanation of Symbols:
1=Health Department
2=Board of Medical Examiners
3=Independent Board
4 =Local Government
5=Educational Institution
6=Other (see footnotes)
7=None Administered

-- = Information Not Provided

STATE	Agency Administering ....Practical Exam..........					Agency Administering ....Written exam.........					Certifying/Licen. Agy.				
	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder
Massachusetts	1	1	--	1	5	1	1	--	1	5	1	1	--	1	1
Michigan	1	1	--	1	1	1	1	--	1	1	1	1	--	1	1
Minnesota	1	1	--	1	5	1	1	--	1	5	1	1	--	1	1
Mississippi	5	1	--	1	5	1	1	--	1	5	1	1	--	1	2
Missouri	1	--	--	1	5	1	--	--	1	5	1	--	--	1	1
Montana	1	1	--	1	1	1	1	--	1	1	2	2	--	2	6[7]
Nebraska	5	2	2	2	5	5	2	2	2	5	1	1	1	1	1
Nevada	1/6[8]	6[8]	--	6[8]	1/6[8]	1	1/6[8]	--	1/6[8]	1/6[8]	1	1	--	--	1
New Hampshire	1	1	--	1	1	1	1	1	1	1	1	1	1	1	1
New Jersey	1	--	--	5	--	1	--	--	5	--	1	--	--	1	--
New Mexico	1	5	--	5	5	1	5	--	5	5	1	1	--	1	5
New York															
North Carolina	1	1	--	1	5	1	1	--	1	5	3	2	--	2	--
North Dakota	1	1	--	1	5	1	1	--	1	1	1/6[9]	1/6[9]	--	1/6	1
Ohio	---	6[10]	--	6[10]	--	6[10]	6[10]	--	6[10]	6[10]	6[11]	6[11]	--	6[11]	--
Oklahoma															
Oregon															
Pennsylvania	1	--	--	--	1	1	--	--	--	1	1	--	1	1	1
Rhode Island															
South Carolina	1	1	--	1	5	1	1	--	1	5	1	1	--	1	--
South Dakota															
Tennessee	1	--	--	1	1	1	--	--	1	1	1	--	--	1	1
Texas	1/5	1/5	--	1/5	1/5	1/5	1/5	--	1/5	1/5	1	1	--	1	1
Utah	1	1	--	5	5	1	1	--	1	6[2]	1	1	--	1	6[2]
Vermont	1	1	1	1	5	1	1	1	1	5	1	1	1	1	1

Explanation of Symbols:
1=Health Department
2=Board of Medical Examiners
3=Independent Board
4=Local Government
5=Educational Institution
6=Other (see footnotes)
7=None Administered

STATE	Agency Administering ....Practical Exam..........					Agency Administering ....Written exam.........					Certifying/Licen. Agy.				
	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder
Virginia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Washington	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
West Virginia	5	1	1	1	5	5	1	1	1	5	1	1	1	1	1
Wisconsin	3	6^4	--	6^4	5	3	6^4	--	6^4	5	6^4	6^4	--	6^4	6^4
Wyoming	1	1	--	1	1	1	1	--	1	1	1	1	--	1	1
American Samoa															
D.C.	$5/6^0$	$5/6^0$	--	$5/6^0$	6^0	$5/6^0$	$5/6^0$	--	$5/6^0$	6^0	1	1	--	1	1
Guam															
Puerto Rico															
Virgin Islands	1	1	2	2	6^3	1	1	1	1	6^3	1	1	1	1	6^3

Explanation of Symbols:
1=Health Department
2=Board of Medical Examiners
3=Independent Board
4=Local Government
5=Educational Institution
6=Other (see footnotes)
7=None Administered

Footnotes

[1] State Governmental Agency
[2] State Emergency Medical Training Council
[3] Police
[4] State EMS Staff
[5] Emergency Health Section
[6] BEMS
[7] Interagency Committee
[8] Training Team/MD's
[9] National Registry
[0] Fire Dept.
[10] Training Program
[11] Dept. of Education, Board of Regents

Table IV

Certification of State Emergency Medical Service Providers

STATE	...Certifying/Licensure/ Registration Authority........					.....Certification Procedure.....					. . . . Curriculum Used.				
	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder
Alabama	1	1	---	1	---	6/7/8	6/7/8	---	6/7/9	---	A	A	---	A	---
Alaska	1/2	1/2	1/2	1/2	1/2	6/7	6/7	6/7	6/7	6/7	A	A	B	A	B
Arizona															
Arkansas	1	1	---	1	---	6/7	6/7	---	6/7	---	A	A	---	A	---
California	1	---	1	1	---	6/7	6/7/4	6/7/4	---	A/C	---	C	C	---	
Colorado	1	---	1	1	3	6/7	---	6/7	6	8	A	---	B	A	A
Connecticut	1/2	1/2	1/2	1/2	1/2	6/7	6/7	6/7	6/7	6/7	A	A	B	A	A
Delaware	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Florida	1/2	---	---	1/2	---	6	---	---	6	---	A	---	---	A	---
Georgia	2	---	2	2	---	6/7	---	6/7	6/7	---	A	---	A	A	---
Hawaii	1	---	---	1	---	6/7	---	---	6/7	---	A/C	---	---	A/C	---
Idaho	4[5]	2	---	2	4[5]	6/7	6/7	---	6/7	6/7	A	A	---	A	A
Illinois	1	1	5	1	5	6	6/8/9[1]	10	6/8/9[1]	10	A	A	D	A	A
Indiana	1	1	---	1	3	6/7	6/7	---	6/7	6/7	A	A	---	A	A
Iowa	2	1	1	1	2	6/7	6/7	6/7	6/7	6/7	A	A	A	A	A
Kansas	1	1	---	1	---	6/7	6/7	---	6/7	---	---	---	---	---	---
Kentucky															
Louisiana															
Maine	1/2	1/2	1/2	1/2	1/2	6/7	6/7/8	6/7/8	6/7/8	6/7	A	B	B	A	A
Maryland	1	1	1	1	1	6/7	6/7	6/7	6/7	6/7	A	B	B	A	A
Massachusetts	1	1	---	1	2	6/7	6/7/9[2]	---	6/7/9[2]	6/7	A	A	---	A	B
Michigan	1	1	---	1	1	6/7	6/7	6/7	6/7	6/7	A	A	---	A	---
Minnesota	1	1	---	1	5	6/7	6/7	---	6/7	9[3]	A	A	---	A	A
Mississippi	1	1	---	1	---	6/7	6/7	---	6/7	---	A	A	---	A	A

Explanation of Symbols:

1=Statutory 2=Regulatory 3=Voluntary 4=Other (see footnotes for explanation) 5=None --- No info. provid.

6=Written Exam. 7=Practical Exam. 8=Certification by Local Medical Authority 9=Other (see footnotes for explanation 10=None ---=No information provided

A=U.S. Dept. of Transportation B=State Developed C=Local D=No standard is set --- No info. provided

STATE	...Certifying/Licensure/ Registration Authority........					.....Certification Procedure.....					. . . . Curriculum Used.				
	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder
Missouri	1	---	---	1	3	6/7	---	---	6/7	10	A	---	---	A	A/C
Montana	1	1	---	1	3	6/7	6/7	---	6/7	6/7	A	A	---	A	A
Nebraska	1	1	1	1	5	6/7	6/7	6/7	6/7	6/7	A	A	A	A	A
Nevada	1	1	---	1	1	6/7	---	6/7/8	6/7/8	6/7	A	A/B	---	A/B	A
New Hampshire	1/2	1/2	1/2	1/2	1/2	6/7	---	---	---	---	A	A	---	A	A
New Jersey	2	---	---	1	---	6/7	---	---	6/7	---					
New Mexico	1	1	---	1	5	6/7	6/7	---	6/7	6/7	A	A	---	A	A
New York															
North Caro.	1	1	---	1	---	6/7	6/7	---	6/7	---	A	A	---	A	A
North Dakota	3	2	---	2	3	6/7	6/7	---	6/7	6/7	A	A	---	A	A
Ohio	1	1	---	1	---	6	6/7	---	6/7	---	B	B	---	A/B	A/B
Oklahoma															
Oregon															
Pennsylvania	3	---	2	2	3	6/7	---	6/8	6/8	6/7	A	---	A	A	A
Rhode Island															
South Caro.	1	1	---	1	---	6/7	6/7	---	6/7	---	A	A	---	A	---
South Dakota															
Tennessee	1	---	---	1	2	6/7	---	---	6/7	6	A	---	---	A	A
Texas	1/2	1/2	---	1/2	1/2	6/7/9^4	6/7/9^4	---	6/7/9^4	6/7/9^4	A	A	---	A	A
Utah	1	1	---	1	5	6/7	6/7	---	6	6	A	A	---	A	A
Vermont	1/2	1/2	1/2	1/2	1/2	6/7	6/7	6/7	6/7	---	A	A	A	A	A

Explanation of Symbols:

1=Statutory 2=Regulatory 3=Voluntary 4=Other (see footnotes for explanation) 5=None
6=Written Exam. 7=Practical Exam. 8=Certification by Local Medical Authority 9=Other (see footnotes for explanation 10=None ---=No information provided
A=U.S. Dept. of Transportation B=State Developed C=Local D=No standard is set

STATE	Certifying/Licensure/ ...Registration Authority........					.....Certification Procedure.....					. . . . Curriculum Used.				
	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder
Virginia	1/2	1/2	1/2	1/2	1/2	6/7	6/7	6/7	6/7	6/7	A	A	A	A	A
Washington	1	1	1	1	1	6/7	6/7	6/7	6/7	6/7	A	A	A	A	A
West Vir.	1	1	1	1	1	6/7	6/7	6/7	6/7	6/7	A	A	A	A	A
Wisconsin	1/2	1/2	---	1/2	3	6/7	6/7/8	---	6/7/8	6/7	A	A	---	A	A
Wyoming	1	2	---	2	2	6/7	6/7	---	6/7	6/7	A	A	---	A	A
Amer. Samoa															
D.C.	2	2	---	2	2	6/7	6/7/8	---	6/7/8	6/7	A	A	---	A	A
Guam															
Puerto Rico															
Virgin Is.	2	2	2	2	---	6/7	6/7	6/7/9	6/7/9	6/7	A	A	A	A	A

Explanation of Symbols:

1=Statutory 2=Regulatory 3=Voluntary 4=Other (see footnotes for explanation) 5=None
6=Written Exam. 7=Practical Exam. 8=Certification by Local Medical Authority 9=Other (see footnotes for explanation) 10=None ---=No information provided
A=U.S. Dept. of Transportation B=State Developed C=Local D=No standard is set

Footnotes:

[1] Supervised field internship/experience
[2] Credentialed by system medical director to practice in that system
[3] Certification by training institution
[4] Texas Dept. of Health approved curriculum
[5] EMS Office is the regulatory authority

Explanation of Abbreviations:

EMT:	Emergency Medical Technician
EMT-I:	Emergency Medical Technician-Intermediate
EMT-CC:	Emergency Medical Technician-Critical Care
EMT-P:	Emergency Medical Technician-Paramedic

Table V

Length of Training Required for Emergency Medical Service Providers

STATE	.....Didactic Training for......					....Practical Training for.......					..Clinical-Hospital Training for..				
	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder
	(numbers are min. hours required)					(numbers are min. hours required)					(numbers are min. hours required)				
Alabama	130	200	---	230	---	10	---	---	---	---	---	150	---	200	---
Alaska	100	50	24	---	40	10	---	---	---	---	---	---	---	---	---
Arizona															
Arkansas	105	45	---	480	---	105	45	---	480	---	15	45	---	480	---
California	---	---	210	304	---	---	---	---	---	----	---	96	508	---	---
Colorado	101	---	101	350	40	---	---	---	---	40	10	---	40	150	---
Connecticut	60	40	150	220	---	40	20	100	120	---	20	20	100	100	---
Delaware															
Florida	100	---	---	360	---	---	---	---	---	---	10	---	---	240	---
Georgia	144	---	200	400	---	16	---	100	150	---	16	---	60	100	---
Hawaii	145	---	---	400	---	---	---	---	---	---	50	---	---	175	---
Idaho	60	40	---	400	30	35	16	---	100	10	10	24	---	220	0
Illinois	106	32+	---	200+	30	10	4	---	30	10	10	24	---	100	---
Indiana	70	35	---	350	25	30	10	---	100	15	10	40	---	400	0
Iowa	102	58	---	200	40	---	---	---	---	---	18	40	---	160	0
Kansas	80	150	---	400	---	30	65	---	---	---	10	10	---	480	---
Kentucky															
Louisiana															
Maine	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Maryland	84	---	---	---	---	10	---	---	---	---	---	---	---	---	---

Explanation of abbreviations:

EMT: Emergency Medical Technician
EMT-I: Emergency Medical Technician-Intermediate
EMT-CC: Emergency Medical Technician-Critical Care
EMT-P: Emergency Medical Technician-Paramedic

STATE	.....Didactic Training for......					....Practical Training for.......					..Clinical-Hospital Training for..				
	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder
	(numbers are min. hours required)					(numbers are min. hours required)					(numbers are min. hours required)				
Massachusetts	100	80	---	500	24	100	80	---	---	---	10	60	---	500	---
Michigan	80	120	---	400	60	20	30	---	---	30	15	10	---	---	---
Minnesota	35	---	26	---	20	35	---	26	---	20	10	---	---	---	20
Mississippi	80	150	---	600	---	---	---	---	---	---	10	70	---	200	---
Missouri	89	---	---	200	40	25	---	---	---	---	10	---	---	260	---
Montana	42	20	---	150	28	58	29	---	50	16	10	57	---	300	---
Nebraska	71	88	177	197	40	71	20	54	58	40	10	64	144	160	0
Nevada	22	70	---	300	25	30	70	---	200	15	10	20	---	---	---
New Hamp.	75	60	---	---	10	35	20	---	---	10	10	10	---	---	10
New Jersey	37	---	---	200	---	73	---	---	400	---	10	---	---	200	---
New Mexico	80	30	---	500	20	20	18	---	200	20	5	25	---	120	0
New York															
North Caro.	60	25	---	200	30	40	10	---	---	10	10	10	---	118	---
North Dakota	59	50	---	408	20	41	20	---	300	20	10	30	---	280	---
Ohio	78	---	---	---	---	---	---	---	---	---	10	---	---	---	---
Oklahoma															
Oregon															
Pennsylvania	58	---	113	185	20	58	---	---	---	20	10	---	---	---	0
Rhode Island															
South Caro.	54	54	---	244	---	45	---	---	---	---	10	16	---	156	---
South Dakota															
Tennessee	120	---	---	280	40	---	---	---	250	---	10	---	---	80	---
Texas	80	60	---	160	40	40	---	---	---	---	10	50	---	140	---
Utah	59	50	---	300	25	51	30	---	100	15	10	40	---	185	---
Vermont	80	30	---	550	25	30	20	---	108	20	10	10	---	508	---

Explanation of abbreviations:

EMT: Emergency Medical Technician
EMT-I: Emergency Medical Technician-Intermediate
EMT-CC: Emergency Medical Technician-Critical Care
EMT-P: Emergency Medical Technician-Paramedic

STATE	.....Didactic Training for......					....Practical Training for.......					..Clinical-Hospital Training for..				
	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder
	(numbers are min. hours required)					(numbers are min. hours required)					(numbers are min. hours required)				
Virginia	100	42	105	168	40	100	42	105	168	40	10	24	57	117	---
Washington	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
West Vir.	57	15	90	190	22	42	10	27	27	18	10	24	125	205	0
Wisconsin	40	40	---	450	15	60	---	---	---	25	10	60	---	300	---
Wyoming	100	50	---	400	25	---	---	---	---	---	16	45	---	300	10
Amer. Samoa															
D.C.	104	200	---	200	32	8	8	---	8	8	16	40	---	40	0
Guam															
Puerto Rico															
Virgin Is.	70	60	100	---	---	50	---	---	---	---	80	40	60	---	---

NOTE: Numbers in the table refer to minimum number of hours of required training.
Explanation of Symbol: --- = No information was provided

Explanation of abbreviations:

EMT: Emergency Medical Technician
EMT-I: Emergency Medical Technician-Intermediate
EMT-CC: Emergency Medical Technician-Critical Care
EMT-P: Emergency Medical Technician-Paramedic

There is little clinical pre-hospital training and internship experience required for state certification of EMS providers as is indicated in Table VI. In 15 states there is a requirement for clinical training for EMT-Paramedics before certification is granted, and ten states require paramedics to complete an internship before they can be certified. For the other EMT groups, few states require clinical training or an internship.

Table VI details the length of time certification is valid once it is received. In most states, certification is good for two years before the individual must apply for renewal of the certificate. In a few states, a certificate is good for only one year, and in some states it is good for three years. In Tennessee, a certificate is valid for four years.

Table VI

Length of Training
Required for
Emergency Medical Service Providers

STATE	..Clinical Pre-Hospital Training..					...........Internship...........					....Length of Certification......				
	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder
	(numbers are min. hours required)					(numbers are min. hours required)					(Years certification is valid)				
Alabama	---	40	---	40	---	---	---	---	---	---	3	3	---	3	---
Alaska	---	---	---	---	---	---	---	---	---	---	2	2	2	2	2
Arizona															
Arkansas	---	---	---	---	---	---	---	---	---	---	2	2	---	2	---
California	---	---	---	---	---	---	---	---	---	---	2	---	2	2	---
Colorado	0	---	0	125	---	0	---	0	---	---	3	---	3	3	---
Connecticut	---	---	---	---	---	---	---	---	---	---	2	2	2	2	2
Delaware															
Florida	---	---	---	---	---	5[1]	---	---	100	---	2	---	---	2	---
Georgia	---	---	40	50	---	---	---	40	50	---	1	---	2	2	---
Hawaii	120	---	---	---	---	---	---	---	640	---	2	---	---	2	---
Idaho	0	0	---	---	0	0	0	---	220	0	2	2	---	2	2
Illinois	---	---	---	100	---	---	---	---	---	---	2	2	---	2	---
Indiana	0	25	---	150	0	0	0	---	0	0	3	1	---	1	3
Iowa	5[1]	45	---	80	0	---	---	---	---	---	2	2	2	2	2
Kansas	---	---	---	---	---	---	---	---	480	---	1	1	---	1	---
Kentucky															
Louisiana															
Maine	---	---	---	---	---	---	---	---	---	---	2	1	1	1	3
Maryland	---	---	---	---	---	---	---	---	---	---	3	3	1	1	3

Explanation of abbreviations:

EMT: Emergency Medical Technician
EMT-I: Emergency Medical Technician-Intermediate
EMT-CC: Emergency Medical Technician-Critical Care
EMT-P: Emergency Medical Technician-Paramedic

STATE	..Clinical Pre-Hospital Training..					...........Internship...........					....Length of Certification......				
	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder
	(numbers are min. hours required)					(numbers are min. hours required)					(Years certification is valid)				
Michigan	---	---	---	---	---	---	---	---	---	---	3	3	---	3	3
Minnesota	---	---	---	---	---	---	---	---	---	---	2	2	---	2	2
Mississippi	10	70	---	200	---	---	---	---	---	---	2	2	---	2	---
Missouri	14	---	---	120	---	0	---	---	---	---	3	---	---	3	---
Montana	---	---	---	---	---	---	---	---	---	---	2	2	---	2	2
Nebraska	0	---	---	---	0	0	---	---	---	0	3	2	2	2	--
Nevada	---	---	---	---	---	---	---	---	---	---	2	2	---	2	2
New Hampshire	---	---	---	---	---	---	---	---	---	---	2.5	2.5	---	2.5	3
New Jersey	0	---	---	200	---	0	---	---	---	---	3	---	---	2	---
New Mexico	5	0	---	0	0	0	0	---	0	0	2	2	-	2	2
New York															
North Caro.	---	---	---	---	---	---	---	---	100	---	2	2	---	2	---
North Dakota	---	20	---	300	---	---	---	---	---	---	2	2	---	2	2
Ohio	2	---	---	---	---	---	---	---	---	---	3	3	---	3	---
Oklahoma															
Oregon															
Pennsylvania	0	---	---	---	0	0	---	---	---	0	3	---	3	3	3
Rhode Island															
South Caro.	---	---	---	---	---	---	---	---	20	---	3	3	---	3	---
South Dakot															
Tennessee	---	---	---	60	---	---	---	---	---	---	2	---	---	2	3
Texas	---	50	---	100	---	---	---	---	---	---	4	4	---	4	4
Utah	---	---	---	300	---	---	---	---	---	---	2	2	---	2	---
Vermont	---	---	---	---	---	---	---	---	40	---	2	2	2	2	3

Explanation of abbreviations:

EMT: Emergency Medical Technician
EMT-I: Emergency Medical Technician-Intermediate
EMT-CC: Emergency Medical Technician-Critical Care
EMT-P: Emergency Medical Technician-Paramedic

STATE	..Clinical Pre-Hospital Training..					...........Internship...........					....Length of Certification......				
	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-I	EMT-CC	EMT-P	1st Rspnder
	(numbers are min. hours required)					(numbers are min. hours required)					(Years certification is valid)				
Virginia	---	---	---	---	---	---	---	---	100	---	3	2	2	2	3
Washington	---	---	---	---	---	---	---	---	---	---	3	2	2	2	3
West Vir.	0	0	0	0	0	---	---	---	---	---	3	3	3	3	3
Wisconsin	---	---	---	---	---	---	---	---	---	---	1	1	---	1	2
Wyoming	16	40	---	300	---	---	---	---	---	---	2	2	---	2	2
Amer. Samoa															
D.C.	---	---	---	---	0	80	120	---	120	0	2	2	---	2	2
Guam															
Puerto Rico															
Virgin Is.	---	---	---	---	---	---	160	160	---	---	2	2	2	2	---

[1] Refers to the numbers of emergency "runs" required for experience.

---: No information was provided

Explanation of abbreviations:

EMT:	Emergency Medical Technician
EMT-I:	Emergency Medical Technician-Intermediate
EMT-CC:	Emergency Medical Technician-Critical Care
EMT-P:	Emergency Medical Technician-Paramedic

Certification of Personnel

To determine competency, most states depend upon a state-developed written and practical exam as their examination for certification (see Table VII). A few states use a nationally-developed exam. This is especially true at the level of EMT-Paramedic. As indicated in the footnotes for Table VII, a number of different types of exams are used across the states, including instructor-developed exams, regionally-developed exams, and exams developed by the ambulance board. The table also includes information on the locations of written and practical exams for each state.

Continuing Competency

Most states require continuing education as a condition of license or certification renewal. Table VIII lists each states' continuing education requirements and, as indicated, most states have extensive requirements. Only a few states have adopted any continuing competency methods other thancontinuing education requirements. For example, Massachusetts requires a skill competency review and evaluation by the system medical director, and the District of Columbia conducts field evaluations every six months. For details on the requirements in each state, refer to Table VIII.

Table VII

EMT CERTIFICATION PROCESS

STATE	CERTIFICATION EXAMINATION					PRACTICAL EXAM LOCATION					WRITTEN EXAM LOCATION				
	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Alabama	1	1	--	3/4	--	C	C	--	B	--	C	C	--	B	--
Alaska	1/2	1/2	1/2	3/4	7[a]	C	C	C	--	C	C	C	C	B	C
Arizona															
Arkansas	1/2	3/4	--	1/2/3/4	--	B	B	--	B	--	B	B	--	B	--
California	3/4/7[b]	--	7[b]	3/4/7[b]	--	C/D[b]	--	D[b]	D[b]	--	C/D[b]	--	D[b]	D[b]	--
Colorado	1/2	n/a	1/2	1	7[b]	C	n/a	B	E	D[b]	C	n/a	B	A	D[b]
Connecticut	1/2	1/2	1/2	1/2/5	1/2	B	B	B	B	B	C	B	B	B	C
Delaware	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Florida	1	--	--	1	--	C	--	--	C	--	B	--	--	B	--
Georgia	5/7	--	5/7	5/7	--	C	--	C	C	--	C	--	A	A	--
Hawaii	3/4	--	--	3/4	--	--	--	--	--	--	--	--	--	--	--
Idaho	1/2	1/2	n/a	1/2	1/2	C	C	n/a	C	C	C	C	n/a	C	C
Illinois	1/2	1/2/3/4	8	1/2/3/4	8	C	C	E	C	E	B	B	E	B	C
Indiana	1/2	1/2	n/a	1/2	1/2	C	C	n/a	C	C	C	C	n/a	C	C
Iowa	2/3	1/2	1/2	1/2	1/2	C	C	C	C	C	C	C	C	C	C

KEY:

1 = State Developed--Written Exam
2 = State Developed--Practical Exam
3 = National Registry--Written Exam
4 = National Registry--Practical Exam
5 = Testing Service--Written Exam
6 = Testing Service--Practical Exam
7 = Other (see footnotes)
8 = None Administered

A = One location in state
B = Multiple central locations in state
C = At each training site
D = Other (see footnotes)
E = None

-- = Information not provided

STATE	CERTIFICATION EXAMINATION					PRACTICAL EXAM LOCATION					WRITTEN EXAM LOCATION				
	EMT	EMT-I	EMT-CC	EMT-P	FIRST RESPONDER	EMT	EMT-I	EMT-CC	EMT-P	FIRST RESPONDER	EMT	EMT-I	EMT-CC	EMT-P	FIRST RESPONDER
Kansas	1/2	1/2	--	1/2	--	B	B	--	B	--	B	B	--	B	--
Kentucky	1/2	--	--	1/2	--	C	--	--	A	--	C	--	--	A	--
Louisiana	3/4	3/4	--	3/4	1/2	D[c]	D[c]	--	D[c]	C	D[c]	D[c]	--	D[c]	C
Maine	1/2	1/2	1/2	1/2	1/2	B	B	B	B	B	C	B	B	B	C
Maryland	2/7[d]	1/2	1/2	1/3/4	1/2	C	C	C	C	C	C	C	C	C	C
Massachusetts	2/5	3/4	--	3/4	7	C	B	--	B	C	C	B	--	B	C
Michigan	7[e]	7[e]	7[e]	7[e]	7[e]	B	B	--	B	E	B	B	--	B	E
Minnesota	2/3	2/3	--	2/3	1/2	B	B	--	B	--	B	B	--	B	--
Mississippi	3/4	3/4	--	3/4	--	D[b]	C	--	C	--	D[b]	C	--	C	--
Missouri	1/2	n/a	n/a	1/2	7[i]	C	n/a	n/a	C	C	C	n/a	n/a	C	C
Montana	3/4	3/4	n/a	3/4	1/2	B	A	n/a	A	C	B	A	n/a	A	C
Nebraska	1/2	1/2	3/4	3/4	1/2	C	A	A	A	C	C	A	A	A	C
Nevada	1/2	1/7[f]	--	1/7[f]	1/2	C	C	--	C	C	C	C	--	C	C
New Hampshire	2/3	2/3	n/a	3/4	1	D	D	n/a	D	D	C	C	n/a	C	C
New Jersey	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
New Mexico	1/2	1/2	--	1/2	1/2	B	C	--	A	C	B	C	--	A	C
New York	2/5	2/5	2/5	2/5	8	C	C	C	C	C	C	C	C	C	E
N. Carolina	1/2	1/2	--	1/2	--	B/D[g]	B/D[g]	--	B/D[g]	--	B	B	--	B	--
North Dakota	2/3	3/4	--	3/4	1/2	B	B	--	B	C	B	B	--	B	C
Ohio	1	7[h]	--	5/7[h]	1	E	C	--	C	E	C	C	--	B	C

KEY:

1 = State Developed--Written Exam
2 = State Developed--Practical Exam
3 = National Registry--Written Exam
4 = National Registry--Practical Exam
5 = Testing Service--Written Exam
6 = Testing Service--Practical Exam
7 = Other (see footnotes)
8 = None Administered

A = One location in state
B = Multiple central locations in state
C = At each training site
D = Other (see footnotes)
E = None

-- = Information not provided

STATE	CERTIFICATION EXAMINATION					PRACTICAL EXAM LOCATION					WRITTEN EXAM LOCATION				
	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Oklahoma	3/4	2/3/4	1/2	3/4	5/6	C	B	B	B	C	C	B	B	B	C
Oregon	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pennsylvania	2/7	--	1	1	1/2\	C	--	C	C	C	C	--	C	C	C
Rhode Island	7[i]	7[i]	7[i]	7[i]	7[i]	B	B	B	B	B	B	B	B	B	B
S. Carolina	1/2	1/2	--	1/2	--	D[j]	D[j]	--	D[j]	--	D[j]	D[j]	--	D[j]	--
South Dakota															
Tennessee	1/2	--	--	1/2	1	B	--	--	A	C	C	--	--	C	C
Texas	1/2	1/2	n/a	1/2	1/2	C	C	--	C	C	C	C	--	C	C
Utah	1/2	1/2	--	1	7[k]	B	B	--	n/a	C	B	B	--	B	C
Vermont	1/2	1/2	1/2	3/4	8	C	C	C	C	C	C	C	C	C	C
Virginia	2/7[e]	1/2	1/2	3/4	1/2	C	C	C	C	C	C	C	C	C	C
Washington	1/2	1/2	1/2	3/4	1/2	C	--	--	C	C	C	--	--	C	C
West Virginia	2/3	3/4	5/2	3/4	1/2	C	A	A	A	C	C	A	A	A	C
Wisconsin	3/4	3/4	--	1/2 or 3/4	7[l]	C	C	--	C	C	C	C	--	C	C
Wyoming	1/2	1/2	--	1/2	1/2	C	C	--	C	C	C	C	--	C	C
D.C.	1/2	3/4	--	3/4	1/2	B	A	--	A	B	A	A	--	A	B
Amer. Samoa															
Guam	7[a]	--	--	--	--	A	A	--	--	A	A	A	--	--	A
Puerto Rico															
Virgin Is.	1/3/4	1/3/4	1/2/7[m]	1/3/4/7[m]	1/2	B	B	B	B	C	B	B	B	B	C

KEY:

1 = State Developed--Written Exam
2 = State Developed--Practical Exam
3 = National Registry--Written Exam
4 = National Registry--Practical Exam
5 = Testing Service--Written Exam
6 = Testing Service--Practical Exam
7 = Other (see footnotes)
8 = None Administered

A = One location in state
B = Multiple central locations in state
C = At each training site
D = Other (see footnotes)
E = None

-- = Information not provided

Footnotes:

a. Exam written by instructor
b. Developed by local/regional EMS agencies
c. Where necessary
d. Written exam developed by Midatlantic EMS Board
e. No certification
f. Local MD Board
g. Provider bases
h. Training program
i. Ambulance Board
j. Sites rotated to meet local demand
k. Utah Emergency Medical Training Council
l. Educational institution
m. AHA-ACLS

TABLE VIII

MANDATORY RECERTIFICATION PROCEDURES
Continuing Education Requirements

STATE	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Alabama	5/12/13	5/12/13	--	6/12/13	--
Alaska	9 (or 3/7) and 12/13/15	9 (or 3/7) and 12/13/15	9 (or 3/7) and 12/13/15	9	14/16
Arizona					
Arkansas	3/7/11/12/13	--	--	3/7/10/11/13	--
California	3/14/16	n/a	9/14/16/17[a]	9/14/16/17[a]	n/a
Colorado	4/8/13/16	--	4/8/13/16	4/8/13	--
Connecticut	3/13/15	3/13/16	9/14/16	9/14/16	3/13/15
Delaware					
Florida	4/5/12/14/16	--	--	9/10	--
Georgia	5/12/13/16	--	6/13/16	6/12/13/16	--
Hawaii	11	--	--	11	--
Idaho	7	6/7	n/a	9/13/15	2/6
Illinois	2/9/12	2/9/12/17[b]	n/a	9/12/17[b]	n/a
Indiana	3/8/13/15	3/5/8/13/15	n/a	9	7
Iowa	7/12	7	7	7	none
Kansas	2	2	--	3	--

KEY:

1 = Refresher course--1 to 10 hours
2 = Refresher course--11 to 20 hours
3 = Refresher course--21 to 30 hours
4 = Refresher course--more than 30 hours
5 = Continuing Education--1 to 10 hours/recertification period
6 = Continuing education--11 to 20 hours/recertification period
7 = Continuing education--21 to 30 hours/recertification period
8 = Continuing education--31 to 40 hours/recertification period
9 = Continuing education--more than 40 hours/recertification period
10 = Advanced Cardiac Life Support
11 = National Registry criteria
12 = CPR certification required
13 = Written exam--state administered
14 = Written exam--locally administered
15 = Practical exam--state administered
16 = Practical exam--locally administered
17 = Other (see footnotes)

-- = Information not provided

STATE	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Kentucky	6/12	--	--	8/13/15/17[c]	--
Louisiana	11	11	--	11	1
Maine	3/12/13/15/17[d]	16/17[e,f]	16/17[e,f]	16/17[e,f]	3/12/13/15/17[d]
Maryland	3	3	4	11	2
Massachusetts	3/9/12	3/9/12/17[g]	--	4/9/10/12/17[g]	1/12
Michigan	8/10	8/10	--	8/10	2
Minnesota	3	3/6	--	9/10	--
Mississippi	2/9/11/14	2/4/11/14	--	2/3/11/14	--
Missouri	4/9/13/15	n/a	n/a	4/13/15	None required
Montana	11	11	n/a	11	2/12/14/16
Nebraska	3/7	9	9	9	--
Nevada	3/12/13/15	17[h]	--	9/10/14	2/13/15
New Hampshire	3	11	--	11	2
New Jersey	3	--	--	7	--
New Mexico	3/7/12	3/7/12	--	4/9/10	2
New York	4/13/16	2/14/16	3/13/16	4/13/16	None
N. Carolina	3/15 or 16	9/13/15 or 16	--	9/13/15 or 16	--
North Dakota	3/9/11/12/14/16	3/9/11/12	None	11	2

KEY:

1 = Refresher course--1 to 10 hours
2 = Refresher course--11 to 20 hours
3 = Refresher course--21 to 30 hours
4 = Refresher course--more than 30 hours
5 = Continuing Education--1 to 10 hours/recertification period
6 = Continuing education--11 to 20 hours/recertification period
7 = Continuing education--21 to 30 hours/recertification period
8 = Continuing education--31 to 40 hours/recertification period
9 = Continuing education--more than 40 hours/recertification period

10 = Advanced Cardiac Life Support
11 = National Registry criteria
12 = CPR certification required
13 = Written exam--state administered
14 = Written exam--locally administered
15 = Practical exam--state administered
16 = Practical exam--locally administered
17 = Other (see footnotes)

-- = Information not provided

STATE	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Ohio	3/14/16/17	3/14	--	3/9/10	--
Oklahoma	11	11/17[i]	11/17[i]	11	n/a
Oregon					
Pennsylvania	13/15	--	9/12/13/16	9/12/13/16	13/15
Rhode Island	12/13/16	12/13/16	12/13/16	12/13/16	--
S. Carolina	3/13/15	2 or 9 and 13/15	--	2 or 9 and 13/15	--
South Dakota					
Tennessee	12/13	--	--	3 or 7 and 12/13	17[j]
Texas	4/9/13/15/16	4/9/13/15/16	n/a	4/9/13/15/16	4/8/13/14/15/16
Utah	9/12/13/15	9/12/13/15	--	9/10/13/16	Not defined
Vermont	3/7/12/13/15	2/6/12/13/15	n/a	10/11	1
Virginia	3/13/15	8/13/15	9/13/16	9/13/16	2/13/15
Washington	3/7/15	--	--	9/10/13/15	6/13/15
West Virginia	4-9/12/13/15	9/12/13/15	9/12/13/15	9/12/13/15	
Wisconsin	--	17[k]	--	17[k]	2/12
Wyoming	9/12/13/16	8/12/13/16	9/10/12/13/16	6/12/16	

KEY:

1 = Refresher course--1 to 10 hours
2 = Refresher course--11 to 20 hours
3 = Refresher course--21 to 30 hours
4 = Refresher course--more than 30 hours
5 = Continuing Education--1 to 10 hours/recertification period
6 = Continuing education--11 to 20 hours/recertification period
7 = Continuing education--21 to 30 hours/recertification period
8 = Continuing education--31 to 40 hours/recertification period
9 = Continuing education--more than 40 hours/recertification period
10 = Advanced Cardiac Life Support
11 = National Registry criteria
12 = CPR certification required
13 = Written exam--state administered
14 = Written exam--locally administered
15 = Practical exam--state administered
16 = Practical exam--locally administered
17 = Other (see footnotes)

-- = Information not provided

STATE	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
D.C.	1/2/4/7/13/15	3/8/10/12	--	3/9/10/12/17[l]	1/12
Amer. Samoa					
Guam	3/9/12 14/16/17[m]	--	--	--	--
Puerto Rico					
Virgin Is.	11	11	10	11	--

KEY:

1 = Refresher course--1 to 10 hours
2 = Refresher course--11 to 20 hours
3 = Refresher course--21 to 30 hours
4 = Refresher course--more than 30 hours
5 = Continuing Education--1 to 10 hours/recertification period
6 = Continuing education--11 to 20 hours/recertification period
7 = Continuing education--21 to 30 hours/recertification period
8 = Continuing education--31 to 40 hours/recertification period
9 = Continuing education--more than 40 hours/recertification period
10 = Advanced Cardiac Life Support
11 = National Registry criteria
12 = CPR certification required
13 = Written exam--state administered
14 = Written exam--locally administered
15 = Practical exam--state administered
16 = Practical exam--locally administered
17 = Other (see footnotes)

-- = Information not provided

Footnotes:

a. Six field care audits
b. Recommendation from project director
c. EMT certification and state-administered oral exam
d. Need to license
e. Medical control approval
f. Affiliation with service licensed to this level
g. Skill competency review and evaluation by system medical director with report to state EMS office
h. Re-exam every six months by local MD
i. Additional requirements
j. Retake course in three years
k. Per EMT-1 or EMT-P community plan approved by state EMS office
l. Field evaluations every six months
m. DOT refresher course

Prerequisites to be Trained/Certified

Most states do not require a high school diploma before training is permitted for the various levels of EMS personnel. A few states require a high school diploma before certification is issued (see Tables IX and X). High school graduation requirements vary from one EMS level to another.

Most states have a minimum age requirement for training and certification for each EMS personnel level. The minimum age ranges between 16 (4 states) to 18 (28 states), with eight states having no requirement for EMT training, and from 16 (4 states) to 18 (38 states) with only two states having no minimum age requirements for EMT certification. For the issuance of EMT certification at all personnel levels, the minimum age is 16 to 21 with some states having no minimum age requirements. For complete information on prerequisites for EMT training and certification, see Tables IX and X.

Table XI-a provides information on how and by whom training courses are approved. Table XI-b provides information on the number of states that require a medical director for training programs. Table XIII lists the minimum qualifications for EMS instructors within each EMS personnel category.

EMS Providers Trained Annually

Emergency medical service providers constitute a growing and expanding profession. Table XII details the number of EMS providers trained and certified annually and how many have been trained to date. As Table XII indicates, the number trained in each state varies greatly from a high of 15,000 EMT's trained annually in Ohio to a low of 60 individuals trained annually as an EMT in the Virgin Islands. Similarly, the numbers of EMS providers certified annually and trained cumulatively to date also varies greatly, as the Table indicates.

Table IX

PREREQUISITES TO BE TRAINED

	EMT				EMT-1				EMT-CC				EMT-P				FIRST RESPONDER			
	Yes	No	N/A	NR	Yes	No	N/A	NR	Yes	No	N/A	NR	Yes	No	N/A	NR	Yes	No	N/A	NR
High School Diploma/GED	16	29	0	3	18	18	4	8	9	7	16	16	29	15	1	3	5	25	2	16
Minimum Age	34	8	1	5	30	5	4	9	12	3	17	16	37	5	1	5	17	10	2	19
Emergency Care Provider	7	33	0	8	20	11	3	14	10	5	16	17	24	16	1	7	3	25	2	18
Public Safety Agency Provider	2	34	1	11	1	27	5	15	3	11	19	15	2	33	2	11	3	23	3	19

Table X

PREREQUISITES TO BE CERTIFIED/LICENSED

	EMT				EMT-1				EMT-CC				EMT-P				FIRST RESPONDER			
	Yes	No	N/A	NR	Yes	No	N/A	NR	Yes	No	N/A	NR	Yes	No	N/A	NR	Yes	No	N/A	NR
High School Diploma/GED	16	26	0	6	16	15	4	13	6	7	18	17	26	14	1	7	4	22	2	20
Minimum Age	41	2	0	5	31	1	4	12	12	1	18	17	40	1	1	6	18	7	2	21
Emergency Care Provider	12	26	0	10	24	5	4	15	10	3	18	17	26	11	1	10	8	18	2	20
Public Safety Agency Provider	4	32	1	11	3	22	6	17	3	9	18	18	4	28	3	13	5	20	3	20

Table XI-a

TRAINING COURSE APPROVAL

	Approved by state	Approved by teaching agency	Automatically approved if taught by certified instructor	Approval not required if challenge of approved exams is successful	N/A	No Response
EMT	45	15	3	1	1	0
EMT-1	33	7	2	1	7	6
EMT-CC	15	3	1	1	13	20
EMT-P	43	12	2	1	1	2
FIRST RESPONDER	28	13	4	1	6	8

Table XI-b

MEDICAL DIRECTOR REQUIRED FOR TRAINING PROGRAM

EMT				EMT-1				EMT-CC				EMT-P				FIRST RESPONDER			
Yes	No	N/A	NR	Yes	No	N/A	NR	Yes	No	N/A	NR	Yes	No	N/A	NR	Yes	No	N/A	NR
29	18	0	2	37	1	6	5	19	2	12	16	45	1	1	2	5	25	7	12

Table XII

Training and Certification
of
Emergency Medical Service Providers

STATE	.....Persons Trained Annually.....					....Persons Certified Annually...					.Trained Cumulatively to Date....				
	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder
Alabama	1,200	650	---	370	---	---		---	---	---	---	---	---	---	---
Alaska	1,500	250	100	10	4,000	1,000	200	75	10	900	6,000	1,000	500	100	---
Arizona															
Arkansas	---	---	---	---	---	500	---	---	500	---	9,566	---	---	300	---
California	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Colorado	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Connecticut	4000	500	0	200	2,000	3,500	400	30	175	1,500	15,000	1,000	80	400	6,000
Delaware															
Florida	3,072	---	---	901	---	2,400	---	---	614	---	36,200	---	---	9,750	---
Georgia	1,500	---	156	164	---	1,200	---	120	140	---	16,500	---	631	1,186	---
Hawaii	80	---	---	25	---	221	---	---	167	---	---	---	---	---	---
Idaho	625	75	---	10	120	625	75	---	10	120	8,000	1,500	---	150	1,750
Illinois	7,500	100	---	800	400	7,000	100	---	450	---	47,615	419	---	3,802	2,000
Indiana	2,400	120	---	160	1,000	2,300	120	---	140	850	23,160	134	---	729	5,164
Iowa	1,400	---	---	---	1,500	1,300	---	---	---	1,400	12,000	---	---	---	6,000
Kansas	1,200	100	---	50	---	1,000	---	---	---	---	---	---	---	---	---
Kentucky															
Louisiana															
Maine	---	---	---	---	---	900	100	50	25	600	---	---	---	---	---
Maryland	1,700	2,100	220	100	1,332	1,500	2,000	180	0	3,000	19,694	6,200	1,610	350	10,234
Mass.	3,000	200	---	120	1,000	2,250	150	---	100	1,000	25,000	325	---	300	18,000
Michigan	3,000	170	---	200	---	2,000	70	---	120	---	15,000	600	---	3,200	---
Minnesota	---	---	---	---	---	4,200	50	---	250	2,000	---	---	---	---	---
Mississippi	750	30	---	20	---	400	30	---	20	---	10,000	100	---	75	---
Missouri	2,250	---	---	400	200	1,750	---	---	300	200	15,000	---	---	3,000	900
Montana	---	0	---	0	310	800	0	---	0	265	---	0	---	0	910
Nebraska	1,000	10	20	20	700	700	---	---	---	300	15,000	---	---	---	2,000
Nevada	650	103	---	24	241	650	103	---	24	241	7,595	213	---	101	241
New Hamp.	1,200	30	---	30	200	1,150	30	---	30	200	6,000	50	---	200	300

STATE	.....Persons Trained Annually.....					....Persons Certified Annually...					.Trained Cumulatively to Date....				
	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder	EMT	EMT-1	EMT-CC	EMT-P	1st Rspnder
New Jersey	3,400	---	---	300	---	2,600	---	---	200	---	14,550	---	---	1,700	---
New Mexico	1,200	140	---	25	150	900	140	---	25	150	7,000	700	---	300	---
New York															
North Caro.	3,400	400	---	125	---	2,900	325	---	100	---	40,000	2,000	---	1,000	---
North Dakota	700	45	---	30	0	450	16	---	30	0	6,385	18	---	39	0
Ohio	15,000	1,200	---	1,150	---	7,500	1,000	---	800	---	50,000	7,000	---	8,000	---
Oklahoma															
Oregon															
Pennsylvania	7,000	---	650	320	1,122	6,105	---	500	300	959	40,707	---	1,851	1,802	1,534
Rhode Island															
South Caro.	807	59	---	100	---	712	59	---	90	---	12,359	237	---	927	---
South Dakota															
Tennessee	1,000	---	---	95	220	840	---	---	90	220	10,700	---	---	720	11,700
Texas	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Utah	1,273	160	---	30	275	1,052	150	---	28	215	10,726	950	---	281	635
Vermont	740	200	---	40	---	700	190	---	5	---	---	---	---	71	---
Virginia	4,293	270	235	85	905	3,886	210	199	55	822	36,600	875	2,465	253	1,884
Washington	1,200	---	---	100	600	4,200	---	---	350	1,200	---	---	---	---	---
West Vir.	3,000	100	---	---	150	2,500	90	133	---	100	19,000	0	1,380	---	150
Wisconsin	2,000	250	---	30	1,000	1,600	210	---	28	---	20,000	250	---	520	6,000
Wyoming	450	75	---	0	350	450	75	---	15	350	5,600	950	---	10	2,000
American Samoa															
D.C.	100	40	---	25	100	97	36	---	23	95	1,500	60	---	60	100
Guam															
Puerto Rico															
Virgin Is.	60	20	---	---	---	40	14	---	---	---	---	---	---	---	---

Instructor Qualifications

All states have minimum requirements concerning the qualifications of instructors for EMT courses. A majority of the states require that the instructor be certified by the state or by the teaching agency. A majority of the states also require that the instructor have field experience before he/she is qualified to teach (see Table XIII).

Specialized Training Courses

Tables XIV and XV list EMS disaster related courses and other specialized training courses or programs available to emergency medical personnel in the states. The table indicates whether the program is required, optional, currently being developed, or not available.

A few states "require" EMS personnel to complete any of the listed programs. Of the states that responded, most indicated that the program, if available, is optional to EMS personnel.

Table XVI provides information on specialized training for EMS directors, managers and instructors. Very few states offer training programs for EMS medical directors and managers. Seventeen states require that examination evaluators complete a program, and in five states the program is optional. Seven more states are developing such a program. Also, only a few states offer communication training programs for nurses, physicians, or pre-hospital personnel.

Table XIII

INSTRUCTOR QUALIFICATIONS

	Credentialed to at least the level being taught	Field experience required	Certified by the state	Certified by teaching agency	N/A	No Response
EMT	37	31	30	18	1	0
EMT-I	27	22	17	11	8	5
EMT-CC	10	8	8	6	14	19
EMT-P	32	28	22	18	2	4
FIRST RESPONDER	28	17	19	12	8	4

TABLE XIV

EMS DISASTER RELATED COURSES

COURSES	EMT	EMT-I	EMT-CC	EMT-P	FIRST RESPONDER
Triage Management	D = 1	D = 0	D = 0	D = 0	D = 0
	N = 17	N = 15	N = 7	N - 16	N = 14
	R = 8	R = 4	R = 2	R = 6	R = 3
	OP= 10	OP= 8	OP= 6	OP= 10	OP= 8
	OT= 1[1]	OT= 1[1]	OT= 1[1]	OT= 1[1]	OT= 1[1]
	NR= 13	NR= 23	NR= 33	NR= 17	NR= 24
Incident Command System	D = 1	D = 1	D = 0	D = 1	D = 1
	N = 16	N = 12	N = 6	N = 16	N = 13
	R = 4	R = 2	R = 1	R = 2	R = 1
	OP= 12	OP= 10	OP= 9	OP= 12	OP= 9
	OT= 1[1]	OT= 1[1]	OT= 1[1]	OT= 1[1]	OT= 1[1]
	NR= 14	NR= 22	NR= 32	NR= 16	NR= 23
Mass Casualty Management	D = 1	D = 0	D = 0	D = 0	D = 0
	N = 14	N = 11	N = 5	N = 12	N = 11
	R = 7	R = 3	R = 2	R = 5	R = 2
	OP= 12	OP= 10	OP= 9	OP= 12	OP= 9
	OT= 1[1]	OT= 1[1]	OT= 1[1]	OT= 1[1]	OT= 1[1]
	U = 1	U = 1	U = 0	U = 1	U = 1
	NR= 13	NR= 23	NR= 30	NR= 16	NR= 24
Health & Medical Aspects of Disaster Management	D = 1	D = 1	D = 1	D = 1	D = 1
	N = 22	N = 16	N = 7	N = 19	N = 17
	R = 2	R = 1	R = 1	R = 2	R = 0
	OP= 10	OP= 8	OP= 7	OP= 10	OP= 8
	NR= 13	NR= 22	NR= 31	NR= 16	NR= 22
Basic Disaster Operations Course	N = 18	N = 12	N = 6	N = 18	N = 12
	R = 1	R = 0	R = 0	R = 0	R = 0
	OP= 13	OP= 10	OP= 7	OP= 10	OP= 8
	U = 1	U = 1	U = 0	U= 1	U = 1
	NR= 16	NR= 23	NR= 34	NR= 17	NR= 25
Introduction to Emergency Managment Course	D = 1	D = 1	D = 0	D = 1	D = 1
	N = 18	N = 14	N = 8	N = 19	N = 14
	R = 1	R = 0	R = 0	R = 0	R = 0
	OP= 13	OP= 10	OP= 7	OP= 13	OP= 9
	U = 1	U = 1	U = 0	U = 1	U = 1
	NR= 15	NR= 24	NR= 35	NR= 17	NR= 24

Explanation of Symbols: D = Program Under Development
N = No Program
OP= Program is Optional
R = Program is Required
U = Program is in Existance but not Available
OT= Other (see footnotes for explanation)
NR= No Responses

Footnote: [1] This training is widely available in the regions, but not required.

Table XV

SPECIALIZED TRAINING PROGRAMS FOR EMERGENCY MEDICAL PERSONNEL

TRAINING PROGRAMS	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Dispatcher	D = 3 N = 8 R = 2 OP= 21 OT= 1[1] NR= 9	D = 3 N = 6 R = 1 OP= 15 OT= 1[1] NR= 18	D = 1 N = 5 R = 1 OP= 11 OT= 1[1] NR= 26	D = 3 N = 9 R = 1 OP= 20 OT= 1[1] NR= 10	D = 2 N = 6 R = 0 OP= 15 OT= 1[1] NR= 20
Auto Extrication	N = 8 R = 13 OP= 16 OT= 1[1] NR= 9	N = 6 R = 9 OP= 11 OT= 1[1] NR= 20	N = 6 R = 4 OP= 9 OT= 1[1] NR= 26	N = 8 R = 10 OP= 14 OT= 1[1] NR= 12	N = 5 R = 2 OP= 18 OT= 1[1] NR= 20
Special Rescue	N = 9 R = 3 OP= 18 NR= 13	N = 7 R = 1 OP= 13 NR= 22	N = 5 R = 1 OP= 11 NR= 26	N = 10 R = 1 OP= 17 NR= 15	N = 7 R = 0 OP= 20 NR= 20
Hazardous Materials	D = 2 N = 7 R = 7 OP= 17 U = 1 OT= 1[2] NR= 9	D = 1 N = 5 R = 5 OP= 12 U = 1 OT= 1[2] NR= 19	D = 0 N = 5 R = 2 OP= 10 U = 0 OT= 1[2] NR= 26	D = 1 N = 8 R = 6 OP= 16 U = 1 OT= 1[2] NR= 11	D = 1 N = 6 R = 2 OP= 15 U = 1 OT= 1[2] NR= 18
Driving Courses	D = 2 N = 7 R = 4 OP= 19 OT= 1[2] NR= 11	D = 1 N = 6 R = 2 OP= 14 OT= 1[2] NR= 11	D = 0 N = 5 R = 0 OP= 11 OT= 1[2] NR= 27	D = 2 N = 8 R = 3 OP= 18 OT= 1[2] NR= 12	D = 0 N = 7 R = 0 OP= 16 OT= 1[2] NR= 23
Farm Rescue	D = 1 N = 17 R = 1 OP= 17 NR= 9	D = 0 N = 13 R = 0 OP= 12 NR= 18	D = 0 N = 8 R = 0 OP= 9 NR= 28	D = 0 N = 16 R = 0 OP= 17 NR= 11	D = 0 N = 13 R = 0 OP= 12 NR= 19
Search Rescue	N = 14 R = 2 OP= 21 U = 1 NR= 9	N = 12 R = 0 OP= 12 U = 1 NR= 19	N = 9 R = 0 OP= 10 U = 0 NR= 26	N = 15 R = 0 OP= 18 U = 1 NR= 11	N = 12 R = 0 OP= 13 U = 1 NR= 19

KEY:
R = Required
OP= Optional
N = None
D = Under development
U = In existance but not available
OT= Other (see footnotes)
NR= No response

Footnotes:
1. Dive Rescue (1); Training Offices (1); Emergency Rescue Tech. (1)
2. Department of Transportation

Table XVI

EMS DIRECTORS AND INSTRUCTOR SPECIAL TRAINING

	...INSTRUCTOR PROGRAM...			PRACTICAL EXAMINATION EVALUATORS TRAINING	COURSE MANAGER TRAINING PROGRAMS	MEDICAL DIRECTOR TRAINING PROGRAMS	...COMMUNICATIONS TRAINING PROGRAMS...		
	U.S. DOT	STATE DEVELOPED	OTHER				PHYSICIANS	NURSES	PRE-HOSPITAL
EMT	R = 8 OP= 4 N = 32 D = 4 OT= 1[c] NR= 2	R = 24 OP= 4 N = 19 D = 1 U = 1 NR= 2	OT=1[a] OT=1[d] OT=1[g]	R = 17 OP= 5 N = 17 D = 7 OT= 1[b],1[h] NR= 3	R = 9 OP= 3 N = 30 D = 2 OT= 1[h] NR= 6	R = 1 OP= 2 N = 43 D = 1 NR= 4	R = 1 OP= 11 N = 25 D = 4 NR= 9	R = 0 OP= 11 N = 27 D = 2 NR= 10	R = 7 OP= 7 N = 24 D = 2 NR= 10
EMT-1	R = 5 OP= 3 N = 26 D = 1 NR= 16	R = 11 OP= 4 N = 19 D = 0 U = 1 NR= 16	OT=1[e]	R = 12 OP= 5 N = 12 D = 3 OT= 1[b],1[h] NR= 17	R = 5 OP= 3 N = 22 D = 1 OT= 1[h] NR= 19	R = 2 OP= 2 N = 27 D = 1 NR= 19	R = 2 OP= 6 N = 14 D = 4 NR= 23	R = 1 OP= 6 N = 18 D = 2 NR= 23	R = 6 OP= 5 N = 14 D = 2 NR= 23
EMT-CC	R = 4 OP= 1 N = 10 D = 1 NR= 35	R = 6 OP= 1 N = 9 D = 0 U = 1 NR= 35		R = 4 OP= 2 N = 16 D = 2 OT= 1[b],1[h] NR= 35	R = 2 OP= 0 N = 11 D = 1 OT= 1[h] NR= 36	R = 1 OP= 0 N = 14 D = 0 NR= 36	R = 0 OP= 2 N = 10 D = 1 NR= 37	R = 0 OP= 2 N = 10 D = 1 NR= 37	R = 1 OP= 2 N = 9 D = 1 NR= 37
EMT-P	R = 8 OP= 5 N = 30 D = 2 NR= 6	R = 10 OP= 3 N = 30 D = 1 U = 1 NR= 6	OT=1[f] OT=1[g] OT=1[d]	R = 11 OP= 5 N = 17 D = 8 OT= 1[b],1[h] NR= 7	R = 5 OP= 2 N = 31 D = 2 OT= 1[h] NR= 10	R = 2 OP= 2 N = 37 D = 1 NR= 9	R = 4 OP= 8 N = 21 D = 4 NR= 13	R = 2 OP= 9 N = 24 D = 2 NR= 13	R = 8 OP= 6 N = 21 D = 2 NR= 13
FIRST RESPONDER	R = 7 OP= 3 N = 22 D = 1 NR= 18	R = 10 OP= 4 N = 18 D = 0 U = 1 NR= 18	OT=1[f]	R = 4 OP= 3 N = 20 D = 2 OT= 1[b],1[h] NR= 20	R = 1 OP= 4 N = 23 D = 0 OT= 1[h] NR= 22	R = 1 OP= 1 N = 29 D = 0 NR= 20	R = 0 OP= 5 N = 20 D = 2 NR= 24	R = 0 OP= 5 N = 19 D = 1 NR= 25	R = 4 OP= 5 N = 16 D = 2 NR= 23

KEY: R=Required OP=Optional N=None D=Under development U=In existence but not available OT=Other NR=No response

Footnotes:

a. By VTI
b. Supervision by state examiners
c. NFPA 1041
d. Community College/University System
e. Local
f. District
g. Not specified
h. Annual instructor/evaluator workshops

Reciprocity

A majority of the states will accept emergency medical professionals from other states upon proof of their certification and upon retesting in their states. Some states honor training and certification from other states without retesting. Hawaii will not honor training of EMT's and EMT-P's from any other state.

Maryland will not honor credentials from other states for EMT-I's and EMT-CC's, and Nevada will not accept EMT-I's or First Responders from other states; New Mexico, Texas, Wisconsin, and the District of Columbia will not accept First Responders credentialed in other states.

Reciprocity laws and regulations vary greatly from state to state. There appears to be a need for a model reciprocity law for adoption by states. This being the case, the mobility of emergency personnel would be greatly facilitated.

Table XII

RECIPROCITY

STATE	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
Alabama	6	6	--	1/3/4	--
Alaska	1/5	1/5	1/5	10	8
Arizona					
Arkansas	6	--	--	10[a]	--
California	6/7	n/a	6/7	6/7	n/a
Colorado	1/5	--	7	7	--
Connecticut	5	6	6	6	5
Delaware					
Florida	7	--	--	7	--
Georgia	7/10[b]	--	7	7	--
Hawaii	8	--	--	8	--
Idaho	6	10[c]	n/a	10[c]	6
Illinois	10[d]	10[e]	n/a	10[e]	n/a
Indiana	6/7/9[f]	6/10[g]	n/a	6/10[g]	Not addressed
Iowa	1/5	--	--	--	10
Kansas	7	7	--	7	--
Kentucky	6	--	--	6	--
Louisiana	1/7	1/7	--	1/7	n/a
Maine	5[h]	7	7	7	7
Maryland	6/9	8	8	2	6/9
Massachusetts	7	3/10[i]	--	3/10[i]	9
Michigan	7	7	--	7	--
Minnesota	1	1	--	1	--
Mississippi	--	--	--	--	--
Missouri	7	n/a	n/a	7	9
Montana	2/3/7/9	1	n/a	1	7
Nebraska	1/5/10	1/5/10	1/5/10	1/5/10	n/a
Nevada	2/10	8	--	10	8
New Hampshire	1/5	1	--	1	5
New Jersey	9	--	--	10[j]	--

KEY:

1 = Give state card if have National Registry
2 = Honor National Registry to practice, but don't issue state card based on it
3 = Honor National Registry -- written only
4 = Honor National Registry -- practical only
5 = Give state card if have valid card from another state -- unconditional
6 = Give state card if have valid card from another state -- conditional upon re-examination in our state
7 = Honor training from other state (if comparable), but require retesting in our state
8 = Don't honor training from any other state
9 = Allow them to practice in our state with a card from another state
10 = Other (see footnotes)

-- = Information not provided

STATE	EMT	EMT-1	EMT-CC	EMT-P	FIRST RESPONDER
New Mexico	1/7/9[k]	1/7	--	1/7	8
New York	5	7	7	6/7	None
N. Carolina	7/10[l]	7/10[l]	--	7/10[l]	n/a
North Dakota	1/5/6/7	1	--	1	5
Ohio	3/4/6/7/9	7/9	--	1/7	--
Oklahoma	1	7	7	1	No update
Oregon					
Pennsylvania	5/7/10	--	6	6	None
Rhode Island	1/6	1/6	1/6	1/6	1/6
S. Carolina	1	1	--	1	--
South Dakota					
Tennessee	7	--	--	7	--
Texas	7	7	n/a	7	8
Utah	7	7	--	7	Not defined
Vermont	7	7	7	1	5
Virginia	1/5[m]/6	1/6	6	1	--
Washington	1/10[n]	--	--	7	1/5
West Virginia	1/6/9[o]/10[p]	1/6/n	6/n	1/6/a/n	n/a
Wisconsin	1/7	7	--	7	8
Wyoming	1/5	1/6	n/a	1/6	1/5
D.C.	7/9	2/7/10q	--	2/7/10q	8
Amer. Samoa					
Guam	6/7	--	--	--	--
Puerto Rico					
Virgin Is.	1/6	1/6	6	1/6	--

KEY:

1 = Give state card if have National Registry
2 = Honor National Registry to practice, but don't issue state card based on it
3 = Honor National Registry -- written only
4 = Honor National Registry -- practical only
5 = Give state card if have valid card from another state -- unconditional
6 = Give state card if have valid card from another state -- conditional upon re-examination in our state
7 = Honor training from other state (if comparable), but require retesting in our state
8 = Don't honor training from any other state
9 = Allow them to practice in our state with a card from another state
10 = Other (see footnotes)

-- = Information not provided

Footnotes:

a. Another state card with NREMTP
b. EMT current (but training not comparable) take 40-hour course
c. Case by case with Board of Medicine
d. Follow Legal Recognition Guidelines of NAEMSD
e. Requires passing EMS System practical and written, plus must serve minimum three-month supervised field experience. If NR-EMT-I/P, state exam waived; otherwise, must pass state written exam.
f. Six months only
g. Satisfy EMT requirements
h. Current CPR card required, need-to-license in Maine, and recertification and testing in Maine after one year. Reciprocity is not available to anyone previously licensed in Maine.
i. Must retest practical exam in our state
j. Honor with internship in our hospitals
k. Based upon legal recognition list (currently 14 states)
l. Honor National Registry for challenge
m. Only for mid-atlantic states with which Virginia has formal reciprocity
n. Other state must meet DOT or equivalent
o. Practice allowed with a card from Kentucky only
p. Direct reciprocity with Ohio, Pennsylvania, Maryland and Virginia
q. Ninety-day period to be evaluated by Medical Officer

EMS Office Training Activities

State EMS offices are involved in numerous activities relative to the training of EMS personnel. Table XVIII lists activities of EMS offices and provides information on which offices are involved in the activities for each level of EMS personnel. All states except California, Hawaii, and Nebraska are involved in quality control of EMS training programs and activities. Most states are also involved in documenting continuing education hours and developing curriculum for training programs. Twenty-nine states reported that they are involved in some capacity with training EMS trainers. Only 12 states report that they are involved in doing provider training. A few states are involved in documenting continuing education hours.

Table XIX also lists activities of EMS offices. About half of the EMS offices are responsible for approving course textbooks and audio/visual aids used in training programs. Only Idaho, Iowa, Massachusetts and Missouri use computers in their training programs. Georgia, Idaho, Iowa, Maryland, Oklahoma and Utah utilize teleconferencing in their training programs.

Finally, Table XX concludes the list of EMS office activities. This table includes financial responsibility of the EMS offices. As the table indicates, most states do not assume responsibility for financial assistance for EMS instructors, students or providers. Only Connecticut, Idaho, Maryland, New Hampshire and Rhode Island report heavy financial responsibility to instructors, students and providers.

Tables XXI and XXII provide information on the responsibilities of state EMS offices relative to nurse or physician training. As the tables indicate, very few activities for physician or nurse training are the responsibility of the state EMS office. Only the District of Columbia reports heavy involvement in these programs.

Table XVIII

STATE OFFICE TRAINING ACTIVITIES

STATE	DOES PROVIDER TRAINING	TRAINS THE TRAINERS	STATEWIDE TRAINING ACADEMY	QUALITY CONTROL/ ENFORCEMENT	DOCUMENTS CONTINUING EDUCATION HOURS	DEVELOPS CURRICULA
Alabama	EMT = No EMT-I = No EMT-CC = --- EMT-P = No F.R. = ---	EMT = No EMT-I = No EMT-CC = --- EMT-P = No F.R. = ---	EMT = No EMT-I = No EMT-CC = --- EMT-P = No F.R. = ---	EMT = Yes EMT-I = Yes EMT-CC = --- EMT-P = Yes F.R. = ---	EMT = Yes EMT-I = Yes EMT-CC = --- EMT-P = Yes F.R. = ---	EMT = Yes EMT-I = Yes EMT-CC = -- EMT-P = Yes F.R. = --
Alaska	EMT = No EMT-I = No EMT-CC = No EMT-P = No F.R. = No	EMT = No EMT-I = No EMT-CC = No EMT-P = No F.R. = No	EMT = No EMT-I = No EMT-CC = No EMT-P = No F.R. = No	EMT = Yes EMT-I = Yes EMT-CC = Yes EMT-P = No F.R. = Yes	EMT = Yes EMT-I = Yes EMT-CC = Yes EMT-P = No F.R. = No	EMT = Yes EMT-I = Yes EMT-CC = Yes EMT-P = No F.R. = Yes
Arizona*						
Arkansas	EMT = No EMT-I = --- EMT-CC = --- EMT-P = No F.R. = ---	EMT = Yes EMT-I = --- EMT-CC = --- EMT-P = Yes F.R. = ---	EMT = No EMT-I = --- EMT-CC = --- EMT-P = No F.R. = ---	EMT = Yes EMT-I = --- EMT-CC = --- EMT-P = Yes F.R. = ---	EMT = Yes EMT-I = --- EMT-CC = --- EMT-P = Yes F.R. = ---	EMT = Yes EMT-I = --- EMT-CC = --- EMT-P = Yes F.R. = ---
California	EMT = No EMT-I = --- EMT-CC = No EMT-P = No F.R. = ---	EMT = No EMT-I = --- EMT-CC = No EMT-P = No F.R. = ---	EMT = No EMT-I = --- EMT-CC = No EMT-P = No F.R. = ---	EMT = No EMT-I = --- EMT-CC = No EMT-P = No F.R. = ---	EMT = No EMT-I = --- EMT-CC = No EMT-P = No F.R. = ---	EMT = U EMT-I = --- EMT-CC = U EMT-P = U F.R. = ---
Colorado	EMT = No EMT-I = --- EMT-CC = No EMT-P = No F.R. = ---	EMT = Yes EMT-I = --- EMT-CC = No EMT-P = No F.R. = ---	EMT = No EMT-I = --- EMT-CC = No EMT-P = No F.R. = ---	EMT = Yes EMT-I = --- EMT-CC = Yes EMT-P = Yes F.R. = ---	EMT = Yes EMT-I = --- EMT-CC = Yes EMT-P = Yes F.R. = ---	EMT = Yes EMT-I = --- EMT-CC = Yes EMT-P = Yes F.R. = ---
Connecticut	EMT = No EMT-I = No EMT-CC = No EMT-P = No F.R. = No	EMT = Yes EMT-I = Yes EMT-CC = Yes EMT-P = Yes F.R. = Yes	EMT = No EMT-I = No EMT-CC = No EMT-P = No F.R. = No	EMT = Yes EMT-I = Yes EMT-CC = Yes EMT-P = Yes F.R. = Yes	EMT = No EMT-I = No EMT-CC = No EMT-P = No F.R. = No	EMT = Yes EMT-I = Yes EMT-CC = Yes EMT-P = Yes F.R. = Yes

STATE	DOES PROVIDER TRAINING	TRAINS THE TRAINERS	STATEWIDE TRAINING ACADEMY	QUALITY CONTROL/ ENFORCEMENT	DOCUMENTS CONTINUING EDUCATION HOURS	DEVELOPS CURRICULA
Delaware	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Florida	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Georgia	EMT = No	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = No	EMT-CC = Yes	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Hawaii	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = ---
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = ---
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No	F.R. = ---
Idaho	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = Yes
Illinois	EMT = No	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes

STATE	DOES PROVIDER TRAINING	TRAINS THE TRAINERS	STATEWIDE TRAINING ACADEMY	QUALITY CONTROL/ ENFORCEMENT	DOCUMENTS CONTINUING EDUCATION HOURS	DEVELOPS CURRICULA
Indiana	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a
	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = Yes
Iowa	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = ---	EMT = Yes
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = ---	F.R. = Yes
Kansas	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = Yes
Kentucky	EMT = No	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Louisiana	EMT = Yes	EMT = Yes	EMT = No	EMT = U	EMT = U	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = U	EMT-I = U	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = U	EMT-P = U	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = U	F.R. = U	F.R. = Yes
Maine	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = U	EMT-I = Yes	EMT-I = No	EMT-I = Yes
	EMT-CC = No	EMT-CC = No	EMT-CC = U	EMT-CC = Yes	EMT-CC = No	EMT-CC = Yes
	EMT-P = No	EMT-P = No	EMT-P = U	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No

STATE	DOES PROVIDER TRAINING	TRAINS THE TRAINERS	STATEWIDE TRAINING ACADEMY	QUALITY CONTROL/ ENFORCEMENT	DOCUMENTS CONTINUING EDUCATION HOURS	DEVELOPS CURRICULA
Maryland	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = Yes
Massachusetts	EMT = No	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = Yes
Michigan	EMT = No	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Minnesota	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = Yes
	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = Yes
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = ---	EMT-CC = No	EMT-CC = Yes
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = Yes
Mississippi	EMT = ---	EMT = Yes	EMT = ---	EMT = Yes	EMT = ---	EMT = ---
	EMT-I = ---	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Missouri	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = Yes
	EMT-I = n/a	EMT-I = n/a	EMT-I = n/a	EMT-I = n/a	EMT-I = n/a	EMT-I = n/a
	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = Yes	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = Yes

STATE	DOES PROVIDER TRAINING	TRAINS THE TRAINERS	STATEWIDE TRAINING ACADEMY	QUALITY CONTROL/ ENFORCEMENT	DOCUMENTS CONTINUING EDUCATION HOURS	DEVELOPS CURRICULA
Montana	EMT = No	EMT = Yes	EMT = No	EMT = Yes	EMT = No	EMT = ---
	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = ---
	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a
	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = ---
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes	F.R. = No	F.R. = ---
Nebraska	EMT = Yes	EMT = Yes	EMT = No	EMT = U	EMT = Yes	EMT = Yes
	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = U	F.R. = No	F.R. = Yes
Nevada	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes
New Hampshire	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes	F.R. = No	F.R. = Yes
New Jersey	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
New Mexico	EMT = No	EMT = No	EMT = Yes**	EMT = Yes	EMT = Yes	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = Yes**	EMT-I = Yes	EMT-I = Yes	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = Yes**	EMT-P = Yes	EMT-P = Yes	EMT-P = No
	F.R. = No	F.R. = No	F.R. = Yes**	F.R. = No	F.R. = No	F.R. = No

STATE	DOES PROVIDER TRAINING	TRAINS THE TRAINERS	STATEWIDE TRAINING ACADEMY	QUALITY CONTROL/ ENFORCEMENT	DOCUMENTS CONTINUING EDUCATION HOURS	DEVELOPS CURRICULA
New York	EMT = No	EMT = Yes	EMT = No	EMT = Yes	EMT = No	EMT = Yes
	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = Yes
	EMT-CC = No	EMT-CC = Yes	EMT-CC = No	EMT-CC = Yes	EMT-CC = No	EMT-CC = Yes
	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = Yes	F.R. = No	F.R. = Yes	F.R. = No	F.R. = Yes
N. Carolina	EMT = No	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes
North Dakota	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes	EMT = No	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = Yes
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes	F.R. = No	F.R. = Yes
Ohio	EMT = ---	EMT = Yes	EMT = ---	EMT = Yes	EMT = ---	EMT = Yes
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Oklahoma	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = No
Oregon	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---

STATE	DOES PROVIDER TRAINING	TRAINS THE TRAINERS	STATEWIDE TRAINING ACADEMY	QUALITY CONTROL/ ENFORCEMENT	DOCUMENTS CONTINUING EDUCATION HOURS	DEVELOPS CURRICULA
Pennsylvania	EMT = No EMT-I = --- EMT-CC = No EMT-P = No F.R. = No	EMT = No EMT-I = --- EMT-CC = No EMT-P = No F.R. = No	EMT = --- EMT-I = --- EMT-CC = No EMT-P = No F.R. = ---	EMT = Yes EMT-I = --- EMT-CC = Yes EMT-P = Yes F.R. = Yes	EMT = No EMT-I = --- EMT-CC = No EMT-P = No F.R. = No	EMT = Yes EMT-I = --- EMT-CC = Yes EMT-P = Yes F.R. = Yes
Rhode Island	EMT = Yes EMT-I = Yes EMT-CC = Yes EMT-P = Yes F.R. = Yes	EMT = Yes EMT-I = Yes EMT-CC = Yes EMT-P = Yes F.R. = No	EMT = No EMT-I = No EMT-CC = No EMT-P = No F.R. = No	EMT = Yes EMT-I = Yes EMT-CC = Yes EMT-P = Yes F.R. = Yes	EMT = No EMT-I = No EMT-CC = No EMT-P = No F.R. = No	EMT = Yes EMT-I = Yes EMT-CC = Yes EMT-P = Yes F.R. = Yes
S. Carolina	EMT = No EMT-I = No EMT-CC = --- EMT-P = No F.R. = ---	EMT = Yes EMT-I = No EMT-CC = --- EMT-P = No F.R. = ---	EMT = No EMT-I = No EMT-CC = --- EMT-P = No F.R. = ---	EMT = No EMT-I = No EMT-CC = --- EMT-P = Yes F.R. = ---	EMT = No EMT-I = Yes EMT-CC = --- EMT-P = Yes F.R. = ---	EMT = Yes EMT-I = Yes EMT-CC = --- EMT-P = Yes F.R. = ---
South Dakota*						
Tennessee	EMT = No EMT-I = --- EMT-CC = --- EMT-P = No F.R. = No	EMT = Yes EMT-I = --- EMT-CC = --- EMT-P = Yes F.R. = ---	EMT = No EMT-I = --- EMT-CC = --- EMT-P = No F.R. = ---	EMT = Yes EMT-I = --- EMT-CC = --- EMT-P = Yes F.R. = Yes	EMT = No EMT-I = --- EMT-CC = --- EMT-P = Yes F.R. = ---	EMT = Yes EMT-I = --- EMT-CC = --- EMT-P = Yes F.R. = Yes
Texas	EMT = --- EMT-I = --- EMT-CC = --- EMT-P = --- F.R. = ---	EMT = Yes EMT-I = Yes EMT-CC = --- EMT-P = Yes F.R. = Yes	EMT = --- EMT-I = --- EMT-CC = --- EMT-P = --- F.R. = ---	EMT = Yes EMT-I = Yes EMT-CC = --- EMT-P = Yes F.R. = Yes	EMT = Yes EMT-I = Yes EMT-CC = --- EMT-P = Yes F.R. = Yes	EMT = Yes EMT-I = Yes EMT-CC = --- EMT-P = Yes F.R. = Yes
Utah	EMT = No EMT-I = No EMT-CC = --- EMT-P = No F.R. = No	EMT = Yes EMT-I = No EMT-CC = --- EMT-P = No F.R. = No	EMT = No EMT-I = No EMT-CC = --- EMT-P = No F.R. = No	EMT = Yes EMT-I = Yes EMT-CC = --- EMT-P = Yes F.R. = No	EMT = Yes EMT-I = Yes EMT-CC = --- EMT-P = Yes F.R. = No	EMT = Yes EMT-I = Yes EMT-CC = --- EMT-P = Yes F.R. = No

STATE	DOES PROVIDER TRAINING	TRAINS THE TRAINERS	STATEWIDE TRAINING ACADEMY	QUALITY CONTROL/ ENFORCEMENT	DOCUMENTS CONTINUING EDUCATION HOURS	DEVELOPS CURRICULA
Vermont	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No
Virginia	EMT = No	EMT = Yes	EMT = ---	EMT = Yes	EMT = No	EMT = Yes
	EMT-I = No	EMT-I = No	EMT-I = ---	EMT-I = Yes	EMT-I = No	EMT-I = Yes
	EMT-CC = No	EMT-CC = No	EMT-CC = ---	EMT-CC = Yes	EMT-CC = No	EMT-CC = Yes
	EMT-P = No	EMT-P = No	EMT-P = ---	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = Yes	F.R. = ---	F.R. = Yes	F.R. = No	F.R. = Yes
Washington	EMT = No	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No
	EMT-CC = No	EMT-CC = Yes	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No
	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No
	F.R. = No	F.R. = Yes	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = No
West Virginia	EMT = No	EMT = U	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = No	EMT-I = U	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = No	EMT-CC = U	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = No	EMT-P = U	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = No	F.R. = U	F.R. = No	F.R. = Yes	F.R. = No	F.R. = Yes
Wisconsin	EMT = No	EMT = Yes	EMT = No	EMT = Yes	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes
Wyoming	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = Yes

STATE	DOES PROVIDER TRAINING	TRAINS THE TRAINERS	STATEWIDE TRAINING ACADEMY	QUALITY CONTROL/ ENFORCEMENT	DOCUMENTS CONTINUING EDUCATION HOURS	DEVELOPS CURRICULA
D.C.	EMT = Yes	EMT = U	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = U	EMT-I = ---	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = U	EMT-P = ---	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = U	F.R. = ---	F.R. = Yes	F.R. = No	F.R. = Yes
Amer. Samoa*						
Guam	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Puerto Rico*						
Virgin Is.	EMT = Yes	EMT = Yes	EMT = ---	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = ---	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = ---	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = Yes	EMT-P = Yes	EMT-P = ---	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = ---	F.R. = Yes	F.R. = ---	F.R. = Yes	F.R. = ---	F.R. = ---

KEY:

U = Under Development
--- = Information Not Provided

* - These states did not return the survey.

Table XIX

STATE OFFICE TRAINING ACTIVITIES

STATE	APPROVE TEXTBOOKS USED IN COURSES	APPROVE AUDIO/VISUAL AIDS USED	USE TELE-CONFERENCING (AUDIO/VISUAL)	USE COMPUTERS FOR TRAINING	ADMINISTRATIVE EVALUATIONS OF EMS TRAINING PROGRAMS	UTILIZATION EVALUATION OF EMS TRAINING
Alabama	EMT = Yes	EMT = No	EMT = No	EMT = U	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = U	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = U	EMT-P = Yes	EMT-P = Yes
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Alaska	EMT = No	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes
Arizona *						
Arkansas	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
California	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Colorado	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = Yes	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = Yes	EMT-CC = No
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Connecticut	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No

STATE	APPROVE TEXTBOOKS USED IN COURSES	APPROVE AUDIO/VISUAL AIDS USED	USE TELE-CONFERENCING (AUDIO/VISUAL)	USE COMPUTERS FOR TRAINING	ADMINISTRATIVE EVALUATIONS OF EMS TRAINING PROGRAMS	UTILIZATION EVALUATION OF EMS TRAINING
Delaware	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Florida	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Georgia	EMT = Yes	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = Yes
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Hawaii	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No
Idaho	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a
	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes
Illinois	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No

STATE	APPROVE TEXTBOOKS USED IN COURSES	APPROVE AUDIO/VISUAL AIDS USED	USE TELE-CONFERENCING (AUDIO/VISUAL)	USE COMPUTERS FOR TRAINING	ADMINISTRATIVE EVALUATIONS OF EMS TRAINING PROGRAMS	UTILIZATION EVALUATION OF EMS TRAINING
Indiana	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes
	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a
	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes
Iowa	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes	F.R. = Yes
Kansas	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = Yes	EMT = No
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No
Kentucky	EMT = Yes	EMT = ---	EMT = No	EMT = No	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Louisiana	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = U	EMT = U
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = U	EMT-I = U
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = U	EMT-P = U
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = U	F.R. = U
Maine	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes
	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes

STATE	APPROVE TEXTBOOKS USED IN COURSES	APPROVE AUDIO/VISUAL AIDS USED	USE TELE-CONFERENCING (AUDIO/VISUAL)	USE COMPUTERS FOR TRAINING	ADMINISTRATIVE EVALUATIONS OF EMS TRAINING PROGRAMS	UTILIZATION EVALUATION OF EMS TRAINING
Maryland	EMT = Yes	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = U	F.R. = U
Massachusetts	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No
Michigan	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Minnesota	EMT = No	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = ---	EMT-CC = No
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = ---	F.R. = No
Mississippi	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = Yes	EMT = ---
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = Yes	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = Yes	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Missouri	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = n/a	EMT-I = n/a	EMT-I = n/a	EMT-I = n/a	EMT-I = n/a	EMT-I = n/a
	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes

STATE	APPROVE TEXTBOOKS USED IN COURSES	APPROVE AUDIO/VISUAL AIDS USED	USE TELE-CONFERENCING (AUDIO/VISUAL)	USE COMPUTERS FOR TRAINING	ADMINISTRATIVE EVALUATIONS OF EMS TRAINING PROGRAMS	UTILIZATION EVALUATION OF EMS TRAINING
Montana	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = U	EMT = No
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = U	EMT-I = No
	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = U	EMT-P = No
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = U	F.R. = No
Nebraska	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes
Nevada	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes
New Hampshire	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes
New Jersey	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = Yes	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
New Mexico	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes

STATE	APPROVE TEXTBOOKS USED IN COURSES	APPROVE AUDIO/VISUAL AIDS USED	USE TELE-CONFERENCING (AUDIO/VISUAL)	USE COMPUTERS FOR TRAINING	ADMINISTRATIVE EVALUATIONS OF EMS TRAINING PROGRAMS	UTILIZATION EVALUATION OF EMS TRAINING
New York	EMT = No	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = Yes	EMT-CC = No
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No
N. Carolina	EMT = No	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No
North Dakota	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes
Ohio	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = Yes	EMT = ---
	EMT-I = Yes	EMT-I = Yes	EMT-I = ---	EMT-I = ---	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = ---	EMT-P = ---	EMT-P = Yes	EMT-P = Yes
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Oklahoma	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = Yes	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = No
	EMT-CC = No	EMT-CC = No	EMT-CC = Yes	EMT-CC = No	EMT-CC = Yes	EMT-CC = No
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = No
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = Yes	F.R. = No
Oregon	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---

STATE	APPROVE TEXTBOOKS USED IN COURSES	APPROVE AUDIO/VISUAL AIDS USED	USE TELE-CONFERENCING (AUDIO/VISUAL)	USE COMPUTERS FOR TRAINING	ADMINISTRATIVE EVALUATIONS OF EMS TRAINING PROGRAMS	UTILIZATION EVALUATION OF EMS TRAINING
Pennsylvania	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes
Rhode Island	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes
	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes
S. Carolina	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
South Dakota*						
Tennessee	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = Yes	EMT = U
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = ---	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Texas	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = Yes	EMT = Yes
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = Yes	EMT-P = Yes
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = Yes	F.R. = Yes
Utah	EMT = Yes	EMT = No	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No

STATE	APPROVE TEXTBOOKS USED IN COURSES	APPROVE AUDIO/VISUAL AIDS USED	USE TELE-CONFERENCING (AUDIO/VISUAL)	USE COMPUTERS FOR TRAINING	ADMINISTRATIVE EVALUATIONS OF EMS TRAINING PROGRAMS	UTILIZATION EVALUATION OF EMS TRAINING
Vermont	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = No
	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No
	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No
Virginia	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes
	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes
Washington	EMT = Yes	EMT = ---	EMT = ---	EMT = ---	EMT = Yes	EMT = ---
	EMT-I = Yes	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = Yes	EMT-I = ---
	EMT-CC = Yes	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = Yes	EMT-CC = ---
	EMT-P = Yes	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = Yes	EMT-P = ---
	F.R. = Yes	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = Yes	F.R. = ---
West Virginia	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes
	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes
Wisconsin	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = Yes	EMT = No
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No
Wyoming	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = Yes	EMT = Yes
	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes

STATE	APPROVE TEXTBOOKS USED IN COURSES	APPROVE AUDIO/VISUAL AIDS USED	USE TELE-CONFERENCING (AUDIO/VISUAL)	USE COMPUTERS FOR TRAINING	ADMINISTRATIVE EVALUATIONS OF EMS TRAINING PROGRAMS	UTILIZATION EVALUATION OF EMS TRAINING
D.C.	EMT = Yes	EMT = No	EMT = No	EMT = U	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = U	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = U	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = No	F.R. = No	F.R. = U	F.R. = Yes	F.R. = Yes
Amer. Samoa *						
Guam	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Puerto Rico *						
Virgin Is.	EMT = Yes	EMT = Yes	EMT = ---	EMT = ---	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = ---	EMT-I = ---	EMT-I = Yes	EMT-I = Yes
	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = ---	EMT-CC = ---	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = Yes	EMT-P = Yes	EMT-P = ---	EMT-P = ---	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---

KEY:

U = Under Development
--- = Information Not Provided

*=These states did not return the survey

Table XX

STATE OFFICE TRAINING ACTIVITIES

STATE		WRITES PATIENT CARE PROTOCOLS	APPROVES LOCAL PATIENT CARE PROTOCOLS	APPROVES EQUIPMENT USED IN TRAINING	FINANCIALLY ASSIST INSTRUCTORS	FINANCIALLY ASSIST STUDENTS	FINANCIALLY ASSIST COURSE PROVIDERS
Alabama	EMT	= No	= No	= Yes	= No	= No	= No
	EMT-I	= No	= No	= Yes	= No	= No	= No
	EMT-CC	= ---	= ---	= ---	= ---	= ---	= ---
	EMT-P	= No	= No	= Yes	= No	= No	= No
	F.R.	= ---	= ---	= ---	= ---	= ---	= ---
Alaska	EMT	= No	= No	= Yes	= No	= No	= No
	EMT-I	= No	= No	= Yes	= No	= No	= No
	EMT-CC	= No	= No	= Yes	= No	= No	= No
	EMT-P	= No	= No	= No	= No	= No	= No
	F.R.	= No	= No	= No	= No	= No	= No
Arizona*							
Arkansas	EMT	= Yes	= No	= Yes	= No	= No	= No
	EMT-I	= ---	= ---	= ---	= ---	= ---	= ---
	EMT-CC	= ---	= ---	= ---	= ---	= ---	= ---
	EMT-P	= Yes	= No	= Yes	= No	= No	= No
	F.R.	= ---	= ---	= ---	= ---	= ---	= ---
California	EMT	= U	= No	= No	= No	= No	= No
	EMT-I	= ---	= ---	= ---	= ---	= ---	= ---
	EMT-CC	= U	= No	= No	= No	= No	= No
	EMT-P	= U	= No	= No	= No	= No	= No
	F.R.	= ---	= ---	= ---	= ---	= ---	= ---
Colorado	EMT	= Yes	= Yes	= No	= No	= No	= No
	EMT-I	= ---	= ---	= ---	= ---	= ---	= ---
	EMT-CC	= Yes	= Yes	= No	= No	= No	= No
	EMT-P	= Yes	= Yes	= No	= No	= No	= No
	F.R.	= ---	= ---	= ---	= ---	= ---	= ---
Connecticut	EMT	= Yes	= Yes	= Yes	= Yes	= Yes	= Yes
	EMT-I	= Yes	= Yes	= Yes	= Yes	= Yes	= Yes
	EMT-CC	= Yes	= Yes	= Yes	= Yes	= Yes	= Yes
	EMT-P	= Yes	= Yes	= Yes	= Yes	= Yes	= Yes
	F.R.	= Yes	= Yes	= Yes	= Yes	= No	= No

STATE	WRITES PATIENT CARE PROTOCOLS	APPROVES LOCAL PATIENT CARE PROTOCOLS	APPROVES EQUIPMENT USED IN TRAINING	FINANCIALLY ASSIST INSTRUCTORS	FINANCIALLY ASSIST STUDENTS	FINANCIALLY ASSIST COURSE PROVIDERS
Delaware	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Florida	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Georgia	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Hawaii	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No
Idaho	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes
Illinois	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = Yes
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No

STATE	WRITES PATIENT CARE PROTOCOLS	APPROVES LOCAL PATIENT CARE PROTOCOLS	APPROVES EQUIPMENT USED IN TRAINING	FINANCIALLY ASSIST INSTRUCTORS	FINANCIALLY ASSIST STUDENTS	FINANCIALLY ASSIST COURSE PROVIDERS
Indiana	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No
Iowa	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No
Kansas	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No
	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = ---	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No
Kentucky	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Louisiana	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes
	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes
Maine	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No

STATE	WRITES PATIENT CARE PROTOCOLS	APPROVES LOCAL PATIENT CARE PROTOCOLS	APPROVES EQUIPMENT USED IN TRAINING	FINANCIALLY ASSIST INSTRUCTORS	FINANCIALLY ASSIST STUDENTS	FINANCIALLY ASSIST COURSE PROVIDERS
Maryland	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes
	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes
Massachusetts	EMT = U	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes
Michigan	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Minnesota	EMT = No	EMT = No	EMT = No	EMT = No	EMT = Yes	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = Yes	EMT-CC = No
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No
Mississippi	EMT = ---	EMT = ---	EMT = Yes	EMT = ---	EMT = ---	EMT = ---
	EMT-I = ---	EMT-I = Yes	EMT-I = Yes	EMT-I = ---	EMT-I = ---	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = Yes	EMT-P = Yes	EMT-P = ---	EMT-P = ---	EMT-P = Yes
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Missouri	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = Yes
	EMT-I = n/a	EMT-I = n/a	EMT-I = n/a	EMT-I = n/a	EMT-I = n/a	EMT-I = n/a
	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = Yes

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Montana	EMT = Yes	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = U	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a	EMT-CC = n/a
	EMT-P = U	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No
Nebraska	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes
Nevada	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes
	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes
New Hampshire	EMT = Yes	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes
New Jersey	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = U	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = Yes
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
New Mexico	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes
	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes

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New York	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = Yes
	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = Yes
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = Yes
N. Carolina	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No
North Dakota	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No
Ohio	EMT = ---	EMT = ---	EMT = ---	EMT = Yes	EMT = ---	EMT = Yes
	EMT-I = ---	EMT-I = ---	EMT-I = Yes	EMT-I = ---	EMT-I = Yes	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = Yes	EMT-P = ---	EMT-P = Yes	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Oklahoma	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No	F.R. = No
Oregon	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---

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Pennsylvania	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No
	F.R. = n/a	F.R. = n/a	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No
Rhode Island	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = Yes
	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = Yes
S. Carolina	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
South Dakota *						
Tennessee	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = ---	F.R. = ---	F.R. = Yes	F.R. = ---	F.R. = ---	F.R. = No
Texas	EMT = ---	EMT = ---	EMT = Yes	EMT = ---	EMT = ---	EMT = ---
	EMT-I = ---	EMT-I = ---	EMT-I = Yes	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = Yes	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = Yes	F.R. = ---	F.R. = ---	F.R. = ---
Utah	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No	F.R. = No

STATE	WRITES PATIENT CARE PROTOCOLS	APPROVES LOCAL PATIENT CARE PROTOCOLS	APPROVES EQUIPMENT USED IN TRAINING	FINANCIALLY ASSIST INSTRUCTORS	FINANCIALLY ASSIST STUDENTS	FINANCIALLY ASSIST COURSE PROVIDERS
Vermont	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = Yes
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = Yes
	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = Yes
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = Yes
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = Yes
Virginia	EMT = No	EMT = No	EMT = Yes	EMT = Yes	EMT = No	EMT = No
	EMT-I = No	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = No	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No
Washington	EMT = Yes	EMT = ---	EMT = ---	EMT = ---	EMT = ---	EMT = ---
	EMT-I = Yes	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = Yes	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = Yes	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
West Virginia	EMT = No	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = No	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = No	EMT-CC = No	EMT-CC = No
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No
Wisconsin	EMT = Yes	EMT = No	EMT = Yes	EMT = No	EMT = No	EMT = No
	EMT-I = No	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = No
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = No	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = No
	F.R. = No	F.R. = No	F.R. = Yes	F.R. = No	F.R. = No	F.R. = No
Wyoming	EMT = Yes	EMT = Yes	EMT = No	EMT = Yes	EMT = No	EMT = Yes
	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = Yes	EMT-I = No	EMT-I = Yes
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = Yes	EMT-P = No	EMT-P = Yes
	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = Yes	F.R. = No	F.R. = Yes

STATE	WRITES PATIENT CARE PROTOCOLS	APPROVES LOCAL PATIENT CARE PROTOCOLS	APPROVES EQUIPMENT USED IN TRAINING	FINANCIALLY ASSIST INSTRUCTORS	FINANCIALLY ASSIST STUDENTS	FINANCIALLY ASSIST COURSE PROVIDERS
D.C.	EMT = Yes	EMT = Yes	EMT = Yes	EMT = No	EMT = No	EMT = ---
	EMT-I = Yes	EMT-I = Yes	EMT-I = Yes	EMT-I = No	EMT-I = No	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = Yes	EMT-P = Yes	EMT-P = No	EMT-P = No	EMT-P = ---
	F.R. = Yes	F.R. = Yes	F.R. = Yes	F.R. = No	F.R. = No	F.R. = ---
Amer. Samoa*						
Guam	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No	EMT = No
	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---	EMT-I = ---
	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---	EMT-CC = ---
	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---
Puerto Rico*						
Virgin Is.	EMT = Yes	EMT = n/a	EMT = Yes	EMT = Yes	EMT = ---	EMT = ---
	EMT-I = Yes	EMT-I = n/a	EMT-I = Yes	EMT-I = Yes	EMT-I = ---	EMT-I = ---
	EMT-CC = Yes	EMT-CC = n/a	EMT-CC = Yes	EMT-CC = Yes	EMT-CC = ---	EMT-CC = ---
	EMT-P = Yes	EMT-P = n/a	EMT-P = Yes	EMT-P = Yes	EMT-P = ---	EMT-P = ---
	F.R. = ---	F.R. = n/a	F.R. = ---	F.R. = ---	F.R. = ---	F.R. = ---

KEY:

U = Under Development
--- = Information Not Provided

* = These states did not return the survey

Table XXI

PHYSICIAN/NURSE TRAINING

STATE	MINIMUM STANDARDS SET FOR ED PRACTICE		STATE OFFICE CONDUCTS TRAINING PROGRAMS		STATE OFFICE WRITES CURRICULA		CERTIFICATION AVAILABLE FOR ED PRACTICE		STATE OFFICE COORDINATES ACLS TRAINING		STATE OFFICE COORDINATES/ SUPPORTS ATLS TRAINING	
	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse
Alabama	No	No	No	No	No	No	No	No	No	No	No	No
Alaska	No	No	No	No	No	No	No	No	No	No	Yes	No
Arizona*												
Arkansas	No	No	No	No	No	No	No	No	No	No	No	No
California	No	No	No	No	No	No	No	No	No	No	No	No
Colorado	No	No	No	No	No	No	No	No	No	No	Yes	No
Connecticut	No	No	No	No	No	No	No	No	No	No	No	No
Delaware	---	---	---	---	---	---	---	---	---	---	---	---
Florida	No	No	No	No	No	No	No	No	No	No	No	No
Georgia	No	No	No	No	No	No	Yes	Yes	No	No	Yes	Yes
Hawaii	No	No	No	No	No	No	No	No	No	No	Yes	Yes
Idaho	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Illinois	Yes	Yes	No	No	No	No	No	No	No	No	No	No
Indiana	No	No	No	No	No	No	No	No	No	No	No	No
Iowa	No	No	No	No	No	No	No	No	No	No	No	No
Kansas	No	No	No	No	No	No	No	No	No	No	No	No

STATE	MINIMUM STANDARDS SET FOR ED PRACTICE		STATE OFFICE CONDUCTS TRAINING PROGRAMS		STATE OFFICE WRITES CURRICULA		CERTIFICATION AVAILABLE FOR ED PRACTICE		STATE OFFICE COORDINATES ACLS TRAINING		STATE OFFICE COORDINATES/ SUPPORTS ATLS TRAINING	
	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse
Kentucky	---	---	---	---	---	---	---	---	---	---	---	---
Louisiana	No	No	No	No	No	No	No	No	No	No	No	No
Maine	No	No	No	No	No	No	No	No	No	No	No	No
Maryland	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Yes
Massachusetts	No	No	No	Yes	No	Yes	No	No	No	No	No	No
Michigan	No	No	No	No	No	No	No	No	No	No	No	No
Minnesota	No	No	No	No	No	No	No	No	No	No	Yes	Yes
Mississippi	---	---	---	---	---	---	---	---	---	---	---	---
Missouri	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Montana	No	No	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes
Nebraska	No	No	No	No	No	No	No	No	No	No	No	No
Nevada	No	No	No	No	No	No	No	No	No	No	No	No
New Hampshire	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes
New Jersey	U	U	No	No	No	Yes	No	No	Yes	Yes	Yes	Yes
New Mexico	No	No	Yes	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes
New York	No	No	No	No	No	No	No	No	No	No	No	No
N. Carolina	No	No	No	No	No	No	No	No	No	No	No	No
North Dakota	No	---	No	No	No	No	No	---	No	No	No	No

STATE	MINIMUM STANDARDS SET FOR ED PRACTICE		STATE OFFICE CONDUCTS TRAINING PROGRAMS		STATE OFFICE WRITES CURRICULA		CERTIFICATION AVAILABLE FOR ED PRACTICE		STATE OFFICE COORDINATES ACLS TRAINING		STATE OFFICE COORDINATES/ SUPPORTS ATLS TRAINING	
	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse
Ohio	---	---	---	---	---	---	---	---	---	---	---	---
Oklahoma	No	No	No	No	No	No	No	No	No	No	No	No
Oregon	---	---	---	---	---	---	---	---	---	---	---	---
Pennsylvania	No	No	No	No	No	No	No	No	Yes	Yes	No	No
Rhode Island	Yes	Yes	No	No	No	No	No	No	No	No	Yes	Yes
S. Carolina	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
South Dakota *												
Tennessee	No	No	No	No	No	No	No	No	No	No	No	No
Texas	No	No	No	No	No	No	No	No	No	No	No	No
Utah	No	No	No	No	No	No	No	No	No	No	Yes	Yes
Vermont	No	No	No	No	No	No	No	No	No	No	No	No
Virginia	No	No	No	No	No	No	No	No	No	No	No	No
Washington	No	No	No	No	No	No	No	No	No	No	No	No
West Virginia	No	No	No	No	No	No	No	No	No	No	Yes	Yes
Wisconsin	No	No	No	No	No	No	No	No	No	No	No	No
Wyoming	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No

STATE	MINIMUM STANDARDS SET FOR ED PRACTICE		STATE OFFICE CONDUCTS TRAINING PROGRAMS		STATE OFFICE WRITES CURRICULA		CERTIFICATION AVAILABLE FOR ED PRACTICE		STATE OFFICE COORDINATES ACLS TRAINING		STATE OFFICE COORDINATES/ SUPPORTS ATLS TRAINING	
	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse
D.C.	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Amer. Samoa *												
Guam	No	No	No	No	No	No	No	No	No	No	Yes	Yes
Puerto Rico *												
Virgin Is.	U	U	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	---

KEY:

U = Under Development
--- = Information Not Provided
ACLS = Advanced Cardiac Life Support
ATLS = Advanced Training Life Support
ED = Emergency Department
* = These states did not return the survey

Table XXII

PHYSICIAN/NURSE TRAINING

STATE	TRIAGE MANAGEMENT		INCIDENT COMMAND SYSTEM TRAINING		HEALTH AND MEDICAL ASPECTS OF DISASTER MANAGEMENT		BASIC DISASTER OPERATIONS COURSE (FEMA 4 DAYS)		INTRODUCTION TO EMERGENCY MANAGEMENT (FEMA 1.5 DAYS)	
	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse
Alabama	No	---	No	No	No	No	No	No	No	No
Alaska	No	No	No	No	No	No	No	No	No	No
Arizona *										
Arkansas	No	No	No	No	No	No	No	No	No	No
California	No	No	No	No	No	No	No	No	No	No
Colorado	No	No	No	No	No	No	No	No	No	No
Connecticut	No	No	No	No	No	No	No	No	No	No
Delaware	---	---	---	---	---	---	---	---	---	---
Florida	No	No	No	No	No	No	No	No	No	No
Georgia	No	No	No	No	No	No	No	No	No	No
Hawaii	No	No	No	No	No	No	No	No	No	No
Idaho	No	No	No	No	No	No	No	No	No	No
Illinois	No	No	No	No	No	No	No	No	No	No
Indiana	No	No	No	No	No	No	No	No	No	No
Iowa	No	No	No	No	No	No	No	No	No	No
Kansas	No	No	No	No	No	No	No	No	No	No

STATE	TRIAGE MANAGEMENT		INCIDENT COMMAND SYSTEM TRAINING		HEALTH AND MEDICAL ASPECTS OF DISASTER MANAGEMENT		BASIC DISASTER OPERATIONS COURSE (FEMA 4 DAYS)		INTRODUCTION TO EMERGENCY MANAGEMENT (FEMA 1.5 DAYS)	
	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse
Kentucky	---	---	---	---	---	---	---	---	---	---
Louisiana	No	No	No	No	No	No	No	No	No	No
Maine	No	No	No	No	No	No	No	No	No	No
Maryland	U	U	U	U	U	U	No	No	No	No
Massachusetts	No	No	No	No	No	No	U	U	U	U
Michigan	No	No	No	No	No	No	No	No	No	No
Minnesota	No	No	No	No	No	No	No	No	No	No
Mississippi	---	---	---	---	---	---	---	---	---	---
Missouri	No	No	No	No	No	No	No	No	No	No
Montana	No	No	No	No	No	No	No	No	No	No
Nebraska	No	No	No	No	No	No	No	No	No	No
Nevada	No	No	No	No	No	No	No	No	No	No
New Hampshire	Yes	Yes	Yes	Yes	No	No	No	No	No	No
New Jersey	No	No	No	No	No	No	No	No	No	No
New Mexico	No	No	No	No	No	No	No	No	No	No
New York	No	No	No	No	No	No	No	No	No	No
N. Carolina	No	No	No	No	No	No	No	No	No	No
North Dakota	No	No	No	No	No	No	No	No	No	No

STATE	TRIAGE MANAGEMENT		INCIDENT COMMAND SYSTEM TRAINING		HEALTH AND MEDICAL ASPECTS OF DISASTER MANAGEMENT		BASIC DISASTER OPERATIONS COURSE (FEMA 4 DAYS)		INTRODUCTION TO EMERGENCY MANAGEMENT (FEMA 1.5 DAYS)	
	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse
Ohio	---	---	---	---	---	---	---	---	---	---
Oklahoma	No	No	No	No	No	No	No	No	No	No
Oregon	---	---	---	---	---	---	---	---	---	---
Pennsylvania	No	No	No	No	No	No	n/a	n/a	n/a	n/a
Rhode Island	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
S. Carolina	No	No	No	No	Yes	Yes	No	No	No	No
South Dakota *										
Tennessee	No	No	No	No	No	No	No	No	No	No
Texas	No	No	No	No	No	No	---	---	No	No
Utah	No	No	No	No	No	No	No	No	No	No
Vermont	No	No	No	No	No	No	No	No	No	No
Virginia	No	No	No	No	No	No	No	No	No	No
Washington	No	No	No	No	No	No	No	No	No	No
West Virginia	No	No	No	No	No	No	No	No	No	No
Wisconsin	No	No	No	No	No	No	No	No	No	No
Wyoming	No	No	No	No	No	No	No	No	No	No

STATE	TRIAGE MANAGEMENT		INCIDENT COMMAND SYSTEM TRAINING		HEALTH AND MEDICAL ASPECTS OF DISASTER MANAGEMENT		BASIC DISASTER OPERATIONS COURSE (FEMA 4 DAYS)		INTRODUCTION TO EMERGENCY MANAGEMENT (FEMA 1.5 DAYS)	
	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse	Phys.	Nurse
D.C.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Amer. Samoa *										
Guam	No	No	No	No	No	No	No	No	No	No
Puerto Rico *										
Virgin Is.	U	U	No	No	No	No	No	No	No	No

KEY:

U = Under Development
--- = Information Not Provided
* = These states did not return the survey

Nomenclature

Generally, there is agreement between the states' definitions of emergency medical personnel and the definitions devised by the National Council. Some states accept the definitions but the title used is unique to the state. For example, Alaska accepts the definition of EMT but calls the professional that matches that definition EMT-I. Again in Illinois the definition for EMT is accepted but the profession is called EMT-A. Table XXIII gives information on the nomenclature used in the states for the five categories of emergency medical personnel.

Table XIII

NOMENCLATURE[1]

STATE	EMT	EMT-I	EMT-CC	EMT-P	FIRST RESPONDER
Alabama	Acc	Acc	n/a	Acc	Acc
Alaska	Acc (EMT-I)	GA (EMT-II)	GA (EMT-III)	Acc	GA
Arizona					
Arkansas	GA	GA	No	GA	--
California	Acc (EMT-I)	--	GA	GA	--
Colorado	Acc	No	Acc (EMT-I)	Acc	Acc
Connecticut	Acc	Acc	Acc	Acc	Acc
Delaware	--	--	--	--	--
Florida	Acc	--	--	Acc	--
Georgia	No	No[2]	No[3]	No[4]	Acc
Hawaii	GA	--	--	GA	--
Idaho	Acc	Acc (ADV-EMT)	No	Acc	Acc
Illinois	Acc (EMT-A)	Acc	n/a	Acc	Acc
Indiana	Acc	No[5]	n/a	Acc	Acc
Iowa	Acc	No	No[6]	Acc	Acc
Kansas	Acc	Acc	--	GA (MICT)	No[7]
Kentucky	--	--	--	--	--
Louisiana	Acc	Acc	No	Acc	Acc
Maine	Acc	No	Acc	Acc	No[8]
Maryland	Acc (EMT-A)	GA (EMT-IV)	Acc (CRT)	Acc	Acc
Massachusetts	GA	GA	--	GA	No
Michigan	Acc	Acc	No	Acc	No
Minnesota	GA	GA	n/a	GA	GA
Mississippi	Acc	Acc	--	Acc	Acc
Missouri	Acc	No	No	Acc	Acc
Montana	Acc	Acc	No	Acc	Acc
Nebraska	No[9]	No[10]	n/a	Acc	Acc
Nevada	Acc	GA (EMT-II)	No	Acc[11]	Acc[11]
New Hampshire	Acc	Acc	n/a	Acc	Acc
New Jersey	Acc	GA	n/a	No[12]	No[7]
New Mexico	Acc (Basic)	Acc (EMT-I)	No	Acc	Acc
New York	Acc	No[13]	No[14]	Acc	Acc
N. Carolina	Acc	Acc	n/a	Acc	Acc
North Dakota	Acc	Acc	No	Acc	Acc
Ohio	Acc	GA (ADV-EMT)	--	Acc	--

EXPLANATION OF SYMBOLS: -- = Information not provided

Acc = Accept National Council definition totally (Nomenclature in parentheses indicates what name is used for that definition.)

GA = Generally accept National Council definition (Nomenclature in parentheses indicates what name is used for that definition.)

No = Do not accept (See footnotes for explanation)

STATE	EMT	EMT-I	EMT-CC	EMT-P	FIRST RESPONDER
Oklahoma	Acc (Basic)	No[4]	No	Acc	Acc
Oregon					
Pennsylvania	Acc	n/a	Acc[15]	Acc[16]	Acc[16]
Rhode Island	Acc	GA	No[17]	GA	GA
S. Carolina	GA	GA	No	GA	GA
South Dakota					
Tennessee	Acc	Acc[18]	No	Acc	Acc
Texas	GA	GA	No	GA	GA
Utah	Acc	No[19]	No	Acc	Acc
Vermont	Acc	GA (EMT-EOA)	GA	Acc	Acc
Virginia	Acc	Acc[20]	Acc[3]	Acc	Acc
Washington	GA	n/a	n/a	Acc	Acc
West Virginia	Acc	Acc	No[21]	Acc	--
Wisconsin	Acc	GA	n/a	Acc	Acc
Wyoming	Acc	GA	n/a	Acc	Acc (BEC)
D.C.	Acc	GA[22]	--	Acc	Acc
Amer. Samoa					
Guam	GA	GA	GA	GA	GA
Puerto Rico					
Virgin Is.	Acc	Acc	Acc	Acc	Acc

EXPLANATION OF SYMBOLS: -- = Information not provided

Acc = Accept National Council definition totally (Nomenclature in parentheses indicates what name is used for that definition.)
GA = Generally accept National Council definition (Nomenclature in parentheses indicates what name is used for that definition.)
No = Do not accept

Footnotes:

1. For purposes of standardization, we have used the definitions of the National Council of State Emergency Medical Services Training Coordinators for the five levels of Emergency Medical Service providers. However, we recognize there are a variety of levels throughout the states which have different names and, in some instances, different functions. This table indicates the level of agreement with these definitions and functions in each state. And, if the nomenclature used is different we have included this difference in parenthesis.

2. Basic
3. Cardiac EMT
4. Advanced EMT
5. Advanced EMT - IV only
6. EMT-II
7. CIMT
8. Attendant
9. 81-hour EMT-I
10. Advanced EMT-I/Advanced EMT-II
11. Advanced EMT - Ambulance
12. MICU
13. AEMT 1 & 2
14. AEMT 3
15. Paramedic I
16. Paramedic II
17. EMT - Cardiac
18. EMT - EOA & IV
19. EMT-2 IV; EMT-3 IV & EOA
20. Shock/Trauma Tech
21. MICP (Mobile Intensive Care Paramedic)
22. Intermediate Paramedic

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THE 1985 NATIONAL EMS DATA SUMMARY

STATE EMERGENCY MEDICAL SERVICES PUBLIC INFORMATION AND EDUCATION (PI&E) PROGRAMS

Produced by the National EMS Clearinghouse

1985

STATE EMERGENCY MEDICAL SERVICES PUBLIC INFORMATION AND EDUCATION (PI&E) PROGRAMS

This report represents a first effort by the NASEMSD to conduct a nationwide comprehensive survey of emergency medical services in the U.S. The NASEMSD plans to periodically resurvey the states in order to develop updated versions of this report. The reader is urged to notify the Association with recommendations for improving future reports, including obtaining survey information for subject areas not included in this report.

The National EMS Clearinghouse is a service of the National Association of State
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PREFACE

Emergency Medical Services across the nation have evolved into sophisticated systems with multiple components that work together in order to save human lives. To enhance the effectiveness of the emergency medical services, the National Association of State Emergency Medical Services Directors (NASEMSD) has recognized the need for states to exchange information on successful and best practices in emergency medical services and for states of geographical proximity to assist each other in their efforts to respond quickly and expertly to emergency situations.

To foster communication and information exchange across the nation and ultimately to increase the effectiveness of emergency services, the NASEMSD, with financial support from the National Disaster Medical System, surveyed all state emergency medical services directors concerning emergency medical services programs in their state. The survey covered the following components of EMS:

1) State EMS Office Functioning
2) Transportation
3) Communications
4) EMS and Disaster Preparedness
5) Evaluation/Information Systems
6) Public Information/Education
7) Training
8) Facilities

The survey project was undertaken with the support of Tom Harmelink former Director of Emergency Medical Services, North Carolina and former President of NASEMSD.

The NASEMSD Clearinghouse Committee assumed responsibility for the project. The committee is chaired by Sam Channell, Associate Director, Emergency Medical Services, West Virginia. The survey was written by members of a sub-committee of the NASEMSD Clearinghouse Committee. Members on the sub-committee are: Chair, Drew Dawson, Chief, Emergency Medical Services Bureau, Montana; Barak Wolff, Chief, Emergency Medical Services Bureau, New Mexico; and Dan Manz, Director, Emergency Medical Services, Vermont.

Reports from the survey were compiled and written by Fran Berry, Director, The National EMS Clearinghouse and Ellen Hume, Associate Director, the National EMS Clearinghouse. Typing and data entry assistance were provided by Pat Bancroft and Joy Pettit. We extend appreciation to Ms. Bancroft and Ms. Pettit for their hard work.

The survey compilation resulted in six reports. They are: 1) Administrative Structure, Functions and Budget Sources of State Emergency Medical Services Offices; 2) State Emergency Medical Services Transportation Systems; 3) State Emergency Medical Services Information and Public Education Systems; 5) The Training of State Emergency Medical Service Personnel; and 6) State Emergency Medical Services Facilities and Regulatory Control.

We hope these reports will be a useful resource to those involved in emergency medical services in the states.

Paul Anderson, President
National Association of State
Emergency Medical Services
Directors

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INTRODUCTION

EMS information systems and public education programs are related in that both strive to provide information about emergency care. Public education programs attempt to inform the general public of available emergency medical services, how to access the emergency medical system, and teach simple emergency medical procedures that can help save lives. EMS information systems, on the other hand, provide specific and usually technical information on the actual workings of the system to emergency medical coordinators and administrators so that the efficiency and effectiveness of the system design can be analyzed.

This report describes state emergency medical systems (EMS) and provides information on EMS public education programs and information systems. It is one of a series of six reports compiled from the first Annual EMS Survey by NASEMSD staff. The other reports are:

1. Structure, Function, and Budget Sources of State EMS Offices;
2. EMS Transportation System;
3. EMS Communications Systems and Levels of Preparedness for Disaster;
4. EMS Personnel Training, and
5. EMS Facilities and Regulatory Control.

For further information on the reports, or to order, contact the NASEMSD staff at The Council of State Governments, Iron Works Pike, P.O. Box 11910, Lexington, KY 40578.

Public Information/Education

The importance of public awareness concerning available emergency services, means of access, and quality and type of care is clear. What is not so clear is which agency is responsible for educating the public about emergency medical services in the states. The four principle mediums for public education are state, regional and local EMS offices and hospitals. As Table I indicates, the responsibility of providing public information and education varies greatly from state to state. In some states, the EMS office is deeply involved and responsible for public education. In other states, public education is a minimal responsibility of the office.

Most state EMS offices have some public education responsibility ranging from producing pamphlets only, to providing public awareness via television, radio, newspapers, pamphlets, public speakers and writing newsletters. A few states, Colorado, Florida, Illinois, Iowa, Kansas, the District of Columbia, and the Virgin Islands have no responsibility or duties for public education. In Kansas the regional offices, not the main office, provide information through newspaper ads or articles, and in the Virgin Islands the regional offices promote public awareness through the use of speakers in public places. South Carolina is the only state that uses the poison center to provide public education on emergency services, and the Virgin Islands utilizes the Department of Health to promote awareness of state EMS through the use of newspaper ads. Professional associations in Wisconsin, New Mexico and the Virgin Islands assist the state in promoting public awareness of EMS systems.

One objective of many EMS offices is to educate and train lay people in emergency procedures. Some major themes addressed through public education programs are listed in Table II. Citizen CPR and seat belt usage appear to be the most popular of the public education programs. Other popular programs are EMT recognition and EMS week. Some public education programs not listed in Table II are water safety, blood pressure, motorcycle helmets, poisons, diving injuries, sexual assault, system access, and what to do at an accident scene.

Table III provides information pertaining to the number of state EMS offices that commit minimal, moderate or extensive resources to public information and eduction. Most states report that they commit only minimal resources to public education. However, a significant number of states feel their programs are minimally effective, and about the same number feel moderate effectiveness is the result. Only two states report that their education programs are very effective.

EMS Newsletter

Thirty-two states report that they publish a statewide EMS newsletter (see Table IV). In most states, the newsletter is published by the state EMS office. In other states responsibility for the newsletter is contracted out or is the responsibility of a related agency, i.e., EMT association or the state ambulance association. The number of copies distributed ranges between 450 and 45,000.

Of the 17 states reporting that their state had no statewide EMS newsletter, all but five, Hawaii, Nevada, Oregon, Utah and Washington, responded that there were other EMS newsletters published in the states.

TABLE 1

Responsibility for Public Information/Education

STATE	State EMS Office	Regional EMS Office	Local Services	Hospital	Professional Organization	Other
Alabama	C	B/D	-------	-------	-------	-------
Alaska	C/D	A/B/C/D	B/C/D	C/D	-------	-------
Arizona						
Arkansas	A/B/C	-------	D	-------	-------	-------
California	D	C/D	C/D	-------	-------	-------
Colorado	-------	-------	-------	-------	-------	-------
Connecticut	A/D/E	B/C	B/D	C	-------	-------
Delaware	D/F	-------	-------	-------	-------	-------
Florida	-------	-------	C/D/F	-------	-------	-------
Georgia	B/D	A/B/C/D	B/C/D	-------	-------	-------
Hawaii	C/D	-------	-------	-------	-------	-------
Idaho	C/D	D	A/B	A/B/C/D	-------	-------
Illinois	-------	-------	-------	-------	-------	-------
Indiana	C/D/G	C/D/G	C/D	C/D	-------	-------
Iowa	-------	C/D	C/D	-------	-------	-------
Kansas	-------	D	D	-------	-------	-------
Kentucky						
Louisiana						
Maine	B/D	A/B/C/D	D	-------	-------	-------
Maryland	A/B/C/D/F/H	A/B/C/D/F/H	A/B/C/D/F/H	C/D	-------	-------

Explanation of Symbols:

A = TV Spots
B = Radio/PSA'S
C = Pamphlets
D = Newspaper Articles
E = Billboards

F = Public Information Displays at Malls
G = Newsletters
H = Speakers
I = Bumper Stickers
J = Phone Book

------- Agency has no public education responsibility.

K = Films

STATE	State EMS Office	Regional EMS Office	Local Services	Hospital	Professional Organization	Other
Massachusetts	A/C/D/F/I	A/B/C/D/I	C/D	B	-------	-------
Michigan	B/D	A/B/C/D	A/B/C/D	-------	-------	-------
Minnesota	C/D	C/D	C/D	-------	-------	-------
Mississippi	A/B/C/D	A/B/C/D	A/B/C/D	A/B/C/D	-------	-------
Missouri	A/B/C	-------	D	-------	-------	-------
Montana	C/D	-------	B/D	-------	-------	-------
Nebraska	D/G	A/B/C/D	D	-------	-------	-------
Nevada	C/D	D	D	-------	-------	-------
New Hampshire	A/B/C/D	A/B/C/D	A	-------	-------	-------
New Jersey	D/J	-------	-------	-------	-------	-------
New Mexico	A/B/C/D/G/H/I	B/C/D/G/F/H/I	C/D/H/I	-------	A/B/D	-------
New York						
North Caro.	A/B/C	C/D	C/D	-------	-------	-------
North Dakota	C/D	-------	A/B/D	-------	-------	-------
Ohio	C/D/K	-------	-------	-------	-------	-------
Oklahoma						
Oregon	D	-------	B/C/D	-------	-------	-------
Pennsylvania	A/B/C/D	B/C/D	-------	-------	-------	-------
Rhode Island						
South Caro.	C	A/B/C/D	C/D	-------	-------	A/C*
South Dakota						
Tennessee	C	-------	-------	-------	-------	-------
Texas	A/C/D	A/B/C/D	-------	-------	-------	-------
Utah	D	-------	D	-------	-------	-------
Vermont	A	-------	C/D	-------	-------	-------

Explanation of Symbols:

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I = Bumper Stickers
J = Phone Book

------- = Agency has no Public education responsibility
K = Films

STATE	State EMS Office	Regional EMS Office	Local Services	Hospital	Professional Organization	Other
Virginia	A/B/C/D	A/C/D	-------	A/B/C/D	-------	-------
Washington	C/D	C/D	C	-------	-------	-------
West Vir.	A/B/C/D	B/C/D	B/C/D	-------	-------	-------
Wisconsin	D	A/B/C/D	D	A/B/C/D	A/B/C/D	-------
Wyoming	A/B/C/D	-------	-------	-------	-------	-------
Amer. Samoa						
D.C.	-------	-------	-------	-------	-------	-------
Guam						
Puerto Rico						
Virgin Is.	-------	H	-------	-------	A/B	D**

Explanation of Symbols:
A = TV Spots
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J = Phone Book

------- Agency has no public education responsibility.

K = Films

Footnotes:
* Poison Center
** Dept.of Health

TABLE II

PUBLIC EDUCATION

(Aggregated Information[1])

MAJOR THEMES ADDRESSED BY PUBLIC INFORMATION/ EDUCATION PROGRAMS	WITHIN THE PAST YEAR	1-3 YEARS AGO	MORE THAN 3 YEARS AGO	NO RESPONSE
Citizen CPR	19	8	3	20
Citizen First Aid	12	9	2	27
EMT Recognition	25	6	1	18
EMS Week	28	6	1	15
911	15	7	2	26
DWI	19	2	-	29
Seat Belts	25	4	-	21
Child Restraint	2	-	-	-

---

1. The numbers in the table represent the total number of states that responded to that category.

TABLE III

PUBLIC INFORMATION/EDUCATION

How would you rate the amount of resources you commit to public information and education?

Minimal: 34 Moderate: 15 Extensive: 1

NOTE: One state did not respond to this question.

How would you assess the overall effectiveness of the public information/education programs which you conduct?

Minimal: 23 Moderate: 22 Very Effective: 2

NOTE: Three states did not respond to this question, and Guam responded that there are no "programs" for public information or education.

TABLE IV

EMS NEWSLETTER

STATE	STATEWIDE EMS NEWSLETTER PUBLISHED	FREQUENCY OF DISTRIBUTION	NUMBER OF COPIES DISTRIBUTED	SENT TO	PUBLISHED BY	OTHER EMS NEWSLETTERS IN THE STATE
Alabama	No	n/a	n/a	n/a	n/a	Yes
Alaska	Yes	Quarterly	3,000	EMS providers Other health agencies News media Other state government officials	State EMS office	Yes
Arizona						
Arkansas	No	n/a	n/a	n/a	n/a	Yes
California	No	n/a	n/a	n/a	n/a	Yes
Colorado	No	n/a	n/a	n/a	n/a	Yes
Connecticut	Yes	Bimonthly	2,000	Services Legislators Hospitals	State EMS office	Yes
Delaware	Yes	Quarterly	450	State EMS personnel and agencies Nat'l EMS agencies	State EMS office	No
Florida	Yes	Quarterly	15,000	Services EMS organizations EMT's and paramedics	State EMS office	Yes
Georgia	No	n/a	n/a	n/a	n/a	Yes
Hawaii	No	n/a	n/a	n/a	n/a	--
Idaho	Yes	Quarterly	1,500	EMS units Hospitals Physicians Local gov't officers	State EMS office	No

STATE	STATEWIDE EMS NEWSLETTER PUBLISHED	FREQUENCY OF DISTRIBUTION	NUMBER OF COPIES DISTRIBUTED	SENT TO	PUBLISHED BY	OTHER EMS NEWSLETTERS IN THE STATE
Illinois	Yes	Quarterly	1,500	Hospitals Pre-hospital providers	State EMS office	Yes
Indiana	Yes	3 times/year	45,000	EMT's and paramedics Ambulance services Hospitals Legislature	State EMS office	Yes
Iowa	Yes	Quarterly	unknown	All interested parties	State EMS office	Yes
Kansas	No	n/a	n/a	n/a	n/a	Yes
Kentucky	No	n/a	n/a	n/a	n/a	Yes
Louisiana	Yes	Monthly	unknown	Members of organization	EMT association	No
Maine	Yes	Quarterly	3,500	All licensed people Services State EMS offices News media	State EMS office	Yes
Maryland	Yes	Monthly	24,000	All certified EMT's Others on request	State EMS office	Yes
Massachusetts	Yes	Bimonthly	3,700	Ambulance services Police and fire depts. State EMS offices Local, county and state government officials	State EMS office	Yes
Michigan	Yes	6 times/year	15,000	Hospitals Ambulance services EMT's	Contract	Yes
Minnesota	Yes	Quarterly	--	Ambulance services Interested parties	Contract	Yes

STATE	STATEWIDE EMS NEWSLETTER PUBLISHED	FREQUENCY OF DISTRIBUTION	NUMBER OF COPIES DISTRIBUTED	SENT TO	PUBLISHED BY	OTHER EMS NEWSLETTERS IN THE STATE
Mississippi	Yes	Quarterly	3,500	EMT's/Hospitals Doctors/Nurses Elected officials Other states	State EMS office	Yes
Missouri	Yes	Quarterly	1,000	Ambulance services Hospitals State EMS office	State EMS office	Yes
Montana	Yes	5 times/year	2,000	Ambulance services Hospitals/EMT's First responders	Contract	Yes
Nebraska	Yes	Monthly	500	Ambulance services Hospitals Individuals and states	State EMS office	Yes
Nevada	No	n/a	n/a	n/a	n/a	No
New Hampshire	No	n/a	n/a	n/a	n/a	Yes
New Jersey	No	n/a	n/a	n/a	n/a	Yes
New Mexico	Yes	3 times/year	5,000	EMT's/Services Local governments Interested parties	State EMS office	Yes
New York	No	n/a	n/a	n/a	n/a	Yes
N. Carolina	Yes	Bimonthly	4,000	EMS providers ED nurses/Physicians Hospital and EMS administrators Interested parties	State EMS office	Yes
North Dakota	Yes	Quarterly	1,000	EMT/ECT population, in- and out-of-state	ND Assn. of EMTs/ECTs	No
Ohio	No	n/a	n/a	n/a	n/a	Yes

STATE	STATEWIDE EMS NEWSLETTER PUBLISHED	FREQUENCY OF DISTRIBUTION	NUMBER OF COPIES DISTRIBUTED	SENT TO	PUBLISHED BY	OTHER EMS NEWSLETTERS IN THE STATE
Oklahoma	Yes	Monthly	1,500	EMT's and providers	Oklahoma EMT Association	No
Oregon	No	n/a	n/a	n/a	n/a	No
Pennsylvania	Yes	Quarterly	3,500-4,000	Hospitals Regional EMS councils Ambulance services ACEP Legislature	State EMS office	Yes
Rhode Island	Yes	Bimonthly	450	EMS providers Interested parties	State EMS office	No
S. Carolina	Yes	Quarterly	1,200	Providers Hospitals Instructors	State EMS office	Yes
South Dakota						
Tennessee	Yes	6-8 times/year	5,000	Certified EMS personnel	Contract	Yes
Texas	Yes	Monthly	3,000	Providers EMS instructors Interested parties	State EMS office	Yes
Utah	No	n/a	n/a	n/a	n/a	No
Vermont	Yes	Bimonthly	1,000	Providers and others	State EMS office	Yes
Virginia	Yes	Bimonthly	2,200	Licensed EMS agencies EMT instructors Hospitals Political leaders	State EMS office	Yes
Washington	No	n/a	n/a	n/a	n/a	Yes

STATE	STATEWIDE EMS NEWSLETTER PUBLISHED	FREQUENCY OF DISTRIBUTION	NUMBER OF COPIES DISTRIBUTED	SENT TO	PUBLISHED BY	OTHER EMS NEWSLETTERS IN THE STATE
West Virginia	Yes	Quarterly	2,800	EMS providers Medical community Administrators/ charge nurses Legislators Public officials State police detachments State police community commanders Primary care clinics State EMS directors Emergency services county directors Squad training officers Public libraries EMT instructors State training coordinators EMS advisory council	--	No
Wisconsin	Yes	Semiannually	2,700	EMT's Hospitals Ambulance services	State EMS office	Yes
Wyoming	Yes	Monthly	750	EMS providers	State Ambulance Assn.	No
D.C.	--	--	--	--	--	--
Amer. Samoa						
Guam	No	n/a	n/a	n/a	n/a	No
Puerto Rico						
Virgin Islands	No	n/a	n/a	n/a	n/a	Yes

EMS Information Systems

An EMS information system is a process by which information on each emergency incident is collected, stored and later analyzed in order to build a base of information for future management decisions.[1] From the information collected, analyses can be done concerning performance of EMS personnel, availability of vehicles and vehicle needs, utilization of equipment and supplies, and ambulance response time versus distance traveled.[2]

Information Sources

The majority of states are required to systematically collect EMS service, vehicle, and personnel application records, as is detailed in Table V. Some exceptions are California, Colorado, Delaware, Hawaii, Maryland, Massachusettes, Minnesota, Montana, New Jersey, New Mexico, North Dakota, and West Virginia where the office has access to these records and may collect the information but a collection system is not mandated in all cases.

There appears to be no particular pattern of access, use and collection for standardized Basic Life Support (BLS) and Advanced Life Support (ALS) run reports, police accident reports, medical exam records, hospital E.D. records, and hospital in-patient records. Most EMS offices have access to these records but do not routinely collect them and there is little effort to require offices to systematically collect this information.

---

1. Boyd, David R., Edloch, Richard F., and Micik, Sylvia; Systems Approach to Emergency Medical Care, Appleton-Century-Crofts/Norwalk, CT, 1983, pg. 164.

2. Ibid.

Some exceptions are Arkansas, Georgia, Idaho, Kansas, Maine, Missouri, Nevada, Pennsylvania, South Carolina, Utah, District of Columbia, and the Virgin Islands where the offices must systematically collect standarized ALS and BLS run reports. Hawaii, Maryland, New Mexico, North Carolina, North Dakota, Texas, Washington and West Virginia routinely collect ALS and BLS run reports but a collection system is not mandated.

Many states do not have access to hospital records. The states that have access to these records do not routinely collect them. There are two exceptions. In New Jersey EMS offices are required to collect hospital E.D. and in-patient records and in Pennsylvania, EMS offices are required to collect police accident reports, medical exam records and hospital E.D. and in-patient records.

Table V

Sources of EMS Management Information

STATE	EMS Service License Application	EMS Vehicle License Application	EMS Person. License Application	Stdized. BLS Run Reports	Stdized. ALS Run Reports	Police Acc. Rept.	Med. Exam. Records	Hosp. E.D. Records	Hosp. In-pat. Records
Alabama	D	D	D	B	B	B	B	A	A
Alaska	D	C	D	B	B	B	B	B	B
Arizona									
Arkansas	D	D	D	D	D	A	A	A	A
California	B	B	B	B	B	A	A	B	B
Colorado	B	B	B	B	B	A	A	A	A
Connecticut	D	D	D	B	B	B	B	B	B
Delaware	B	B	B	C	B	B	B	B	A
Florida	D	D	D	B	B	B	B	B	B
Georgia	D	D	D	D	D	B	B	B	B
Hawaii	C	C	B	C	C	---	---	---	---
Idaho	D	---	D	D	D	B	B	A	A
Illinois	D	D	D	B	B	B	B	B	B
Indiana	D	D	D	E	E	C	A	A	A
Iowa	D	E	C/D	C	D	B	B	A	A
Kansas	D	D	D	D	D	B	A	A	A
Kentucky									
Louisiana									
Maine	D	D	D	D	D	B	B	B	D
Maryland	A	B	D	C	C	B	B	B	B
Massachusetts	B	B	D	E	E	B	B	B	B
Michigan	D	D	D	B	B	B	B	A	A
Minnesota	C	C	C	B	B	B	B	B	B
Mississippi	D	D	D	E	E	B	B	B	B
Missouri	E	D	D	D	D	B	B	B	B

Explanation of Symbols:
A = EMS office does not use or have access to these records.
B = EMS office has access to these records but does not routinely collect them.
C = EMS office routinely collects these records but there is no mandated collection system.
D = EMS office routinely collects these records and the collection system is mandated.
E = State has no such record

STATE	EMS Service License Application	EMS Vehicle License Application	EMS Person. License Application	Stdized. BLS Run Reports	Stdized. ALS Run Reports	Police Acc. Rept.	Med. Exam. Records	Hosp. E.D. Records	Hosp. In-pat. Records
Montana	D	E	B	B	E	A	E	A	A
Nebraska	D	D	D	C	---	A	B	A	A
Nevada	D	D	D	D	D	A	A	B	A
New Hampshire	D	D	D	C	C	C	B	B	B
New Jersey	A	A	D	E	D	D	B	D	D
New Mexico	B	B	D	C	C	B	B	B	B
New York									
North Caro.	E	D	D	C	C	B	B	A	A
North Dakota	D	B	D	C	C	B	A	A	A
Ohio	E	E	A	E	E	A	A	A	A
Oklahoma									
Oregon	E	D	D	E	E	B	B	B	B
Pennsylvania	---	---	D	D	D	D	D	D	D
Rhode Island									
South Caro.	D	D	D	D	D	B	B	B	A
South Dakota									
Tennessee	D	D	D	B	B	B	B	B	A
Texas	E	D	D	C	C	B	B	B	B
Utah	D	D	D	D	D	B	B	B	B
Vermont	D	D	D	B	E	B	B	B	A
Virginia	D	D	D	B	B	B	B	B	B
Washington	D	D	D	C	C	B	B	B	B
West Vir.	E	B	D	C	C	B	B	B	A
Wisconsin	D	A	D	B	B	B	A	B	B
Wyoming	D	D	D	B	B	B	B	A	A

Explanation of Symbols:

A = EMS office does not use or have access to these records.
B = EMS office has access to these records but does not routinely collect them.
C = EMS office routinely collects these records but there is no mandated collection system.
D = EMS office routinely collects these records and the collection system is mandated.
E = State has no such record

STATE	EMS Service License Application	EMS Vehicle License Application	EMS Person. License Application	Stdized. BLS Run Reports	Stdized. ALS Run Reports	Police Acc. Rept.	Med. Exam. Records	Hosp. E.D. Records	Hosp. In-pat. Records
Amer. Samoa									
D.C.	A	A	---	D	D	A	A	A	A
Guam									
Puerto Rico									
Virgin Is.	---	---	D	D	D	A	B	B	B

Explanation of Symbols:

A = EMS office does not use or have access to these records.
B = EMS office has access to these records but does not routinely collect them.
C = EMS office routinely collects these records but there is no mandated collection system.
D = EMS office routinely collects these records and the collection system is mandated.
E = State has no such record

Information Collected

Table VI lists the various types of information that are collected through ambulance run reports. Most states collect response time data, patient vital sign data, intervention provided, EMT identification, response location data, nature of emergency, and patient age and sex. What varies greatly across the states is whether or not the information is cataloged. When cataloging is done, it is virtually always done electronically, which indicates that those EMS offices that catalogue are computerized.

Various groups use the information that is prepared by ambulance run reports. Rescue squads are most often users of the reports. Hospitals, EMS regional councils, entire communities, and the EMS offices also report that they routinely use information provided by the ambulance run report (see Table VI).

TABLE VI

EVALUATION/INFORMATION SYSTEMS

INFORMATION COLLECTED THROUGH THE AMBULANCE RUN REPORT

	WE DO NOT COLLECT THIS DATA	WE COLLECT BUT DO NOT CATALOG THIS DATA	WE COLLECT THIS INFO AND CATALOG MANUALLY	WE COLLECT THIS INFO AND CATALOG ELECTRONICALLY	WE USE ANOTHER PROCESS	USERS OF AMBULANCE RUN REPORTS					NO RESPONSE
						A	B	C	D	E	
Response Time Data	4	14	1	20	2	22	5	16	13	12	9
Vital Sign Data	7	22	2	9	1	10	6	6	3	8	9
Severity Indexing	12	7	3	17	1	14	8	11	3	12	10
Intervention Provided	6	13	1	19	1	20	7	13	4	11	10
EMT Identification	7	18	1	12	1	15	5	8	4	12	11
Response Location Data	6	15	2	16	1	16	7	12	9	12	10
Nature of Emergency	4	11	2	22	2	22	7	17	11	14	9
Patient Age and Sex	6	13	1	20	1	18	7	12	5	15	9
Comments and Text (Narrative)	8	26	2	1		7	4	5	1	8	13

* A = Squads; B = Hospitals; C = Regional Councils; D = Communities; E = EMS Office Use Only

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THE 1985 NATIONAL EMS DATA SUMMARY

STATE EMERGENCY MEDICAL SERVICES TRANSPORTATION SYSTEMS

Produced by the National EMS Clearinghouse

1985

STATE EMERGENCY MEDICAL SERVICES TRANSPORTATION SYSTEMS

This report represents a first effort by the NASEMSD to conduct a nationwide comprehensive survey of emergency medical services in the U.S. The NASEMSD plans to periodically resurvey the states in order to develop updated versions of this report. The reader is urged to notify the Association with recommendations for improving future reports, including obtaining survey information for subject areas not included in this report.

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PREFACE

Emergency Medical Services across the nation have evolved into sophisticated systems with multiple components that work together in order to save human lives. To enhance the effectiveness of the emergency medical services, the National Association of State Emergency Medical Services Directors (NASEMSD) has recognized the need for states to exchange information on successful and best practices in emergency medical services and for states of geographical proximity to assist each other in their efforts to respond quickly and expertly to emergency situations.

To foster communication and information exchange across the nation and ultimately to increase the effectiveness of emergency services, the NASEMSD, with financial support from the National Disaster Medical System, surveyed all state emergency medical services directors concerning emergency medical services programs in their state. The survey covered the following components of EMS:

1) State EMS Office Functioning
2) Transportation
3) Communications
4) EMS and Disaster Preparedness
5) Evaluation/Information Systems
6) Public Information/Education
7) Training
8) Facilities

The survey project was undertaken with the support of Tom Harmelink former Director of Emergency Medical Services, North Carolina and former President of NASEMSD.

The NASEMSD Clearinghouse Committee assumed responsibility for the project. The committee is chaired by Sam Channell, Associate Director, Emergency Medical Services, West Virginia. The survey was written by members of a sub-committee of the NASEMSD Clearinghouse Committee. Members on the sub-committee are: Chair, Drew Dawson, Chief, Emergency Medical Services Bureau, Montana; Barak Wolff, Chief, Emergency Medical Services Bureau, New Mexico; and Dan Manz, Director, Emergency Medical Services, Vermont.

Reports from the survey were compiled and written by Fran Berry, Director, The National EMS Clearinghouse and Ellen Hume, Associate Director, the National EMS Clearinghouse. Typing and data entry assistance were provided by Pat Bancroft and Joy Pettit. We extend appreciation to Ms. Bancroft and Ms. Pettit for their hard work.

The survey compilation resulted in six reports. They are: 1) Administrative Structure, Functions and Budget Sources of State Emergency Medical Services Offices; 2) State Emergency Medical Services Transportation Systems; 3) State Emergency Medical Services Information and Public Education Systems; 5) The Training of State Emergency Medical Service Personnel; and 6) State Emergency Medical Services Facilities and Regulatory Control.

We hope these reports will be a useful resource to those involved in emergency medical services in the states.

Paul Anderson, President
National Association of State
Emergency Medical Services
Directors

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INTRODUCTION

The primary purpose of state emergency vehicles and services is to provide emergency victims with professional health care before arrival and admittance to a medical facility such as a hospital. There are a variety of services across the states that provide transportation of emergency medical personnel to the site of an emergency or that transport emergency victims to a health facility. Some emergency medical transportation services provide transportation for non-emergency purposes in the hopes that an emergency situation will be avoided in the future, and other services respond only to emergencies using air or ground emergency vehicles. Some emergency systems are directed by a physician, others are not; some are inspected regularly by the state EMS office, others are inspected only following complaints; some services and/or personnel are licensed, others are not.

This report includes information on the laws and policies governing emergency transportation services and vehicles in the U.S. states and on the numbers and types of services available to state residents. The intent of the report is to describe the many components of the EMS transportation systems in the states and to summarize the findings in order to reveal the current types and availability of state EMS transportation services in the U.S.

Until recently, little or no comparative information about EMS ground or air transportation services across the states existed. To supply this information, the National Association of State EMS Directors (NASEMSD) developed and distributed to state EMS Directors a questionnaire survey covering state emergency medical services. Information from the completed questionnaires were compiled by NASEMSD staff. The result of the compilation is six separate reports covering the following components of EMS:

(1) Structure, Function, and Budget Sources of State EMS Offices;

(2) EMS Transportation Systems;

(3) EMS Communications Systems and Levels of Preparedness for Disaster;

(4) EMS Information and Public Education Systems;

(5) EMS Personnel Training, and

(6) EMS Facilities and Regulatory Control.

These six reports are available through the NASEMSD at The Council of State Governments, Iron Works Pike, P.O. Box 11910, Lexington, KY 40578.

AVAILABLE TRANSPORTATION SYSTEMS

There are a variety of services across the states that provide transportation of emergency medical personnel to the site of an emergency or that transport emergency victims to a health facility. As Table 1 indicates, there is great variation between numbers of emergency vehicles and services available to U.S. residents depending on the geographical area in which they reside. For example, in Montana and Vermont there are no air ambulance services or vehicles available to its residents, in contrast to Florida which provides 46 air ambulance services and employs 82 air ambulance vehicles. Of the states that responded to the survey, the median number of available air ambulance services is three and the mode, or most often occurring number, is one. For vehicles, the median is six and the mode is three.

As would be expected, the numbers of available ground ambulance vehicles and services are much greater than air vehicles and services, with a high in Ohio of 2,500 vehicles to a low in the Virgin Islands of only 10 vehicles. The range for ground ambulance services is one in the Virgin

Islands to 1,078 in Pennsylvania. Most states require one emergency medical technician to be available on each emergency run. A few states require two EMT's per call and a few do not have any such requirement (see Table I).

As Table I shows, most states provide non-transporting emergency responder services. Several states also provide non-emergency transportation services for individuals requiring transportation to a hospital or doctor's office when no emergency is at hand.

Table II provides information on the actual number of ambulance vehicles and ambulance services belonging to or based in various state or federal agencies or belonging to private corporations. The table is fairly complex and an explanation of the way it should be read is in order. The state name is located in the left column, followed by a series of letters with an equals (=) sign with numbers following. The letters are abbreviations of government agencies or private corporations. (See the bottom of each page for an explanation of the abbreviations.) The numbers following the abbreviations are the number of services or vehicles belonging to that particular agency. For example, in Alabama two air ambulance services are based in hospitals, one is within the military and one is with a local police department. It is unknown by the Alabama EMS office if there are any private, non-profit air ambulance services in the state.

The statewide volume of emergency and non-emergency calls is not systematically collected or known in a significant number of states. In states where this information is collected and compiled, the annual number of emergency calls ranges between 8,000 in North Dakota and 1,000,000 in Ohio. For non-emergency calls, the range is a low of 6,000 in Wyoming to a high of 670,000 in Pennsylvania (see Table III).

Table I

EMS Transporation Services in the States

STATE	Total # of Air Ambul. Services	Total # of Air Ambul. Vehicles	Total # of Ground Ambul. Services	Total # of Ground Ambul. Vehicles	Total # of Non-trans. Responder Services	Total # of Non-trans. Responder Vehicles	Total # of Non-Emerg. Trans. Svcs.	No. of EMT's Required per call
Alabama	4	6	501	295	---	---	1	1
Alaska	3[1]	3	81	131	1	2	1	1
Arizona								
Arkansas	2	2	195	360	---	---	---	0-2
California								
Colorado	5	7	181	406	66	83	---	1
Connecticut	1	1	250	450	10	15	10	1
Delaware	1	2	57	100	1	5	1	1
Florida	46	82	214	787	133	487	43	1
Georgia	2	4	231	616	13	22	0	1
Hawaii	1	3	11	53	6	---	2	2
Idaho	4	7	99	161	87	105	---	1
Illinois	4	16	723	1647	---	---	---	2
Indiana	6	14	358	885	---	8	---	1
Iowa	3	3	383	614	---	---	35	2
Kansas	3	14	213	520	20	20	3	1
Kentucky								
Louisiana								
Maine	5	---	189	297	17	---	0	0
Maryland	1	10	24	450	---	---	15	0
Massachusetts	3	5	331	---	3	3	---	2
Michigan	22	37	403	1200	17	68	---	2
Minnesota	---	---	---	---	---	---	---	0
Mississippi	11	17	130	283	---	---	4	1
Missouri	4	6	264	720	---	---	---	0
Montana	0	0	110	---	0	0	0	0

Explanation of Symbols: --- =Information not provided

STATE	Total # of Air Ambul. Services	Total # of Air Ambul. Vehicles	Total # of Ground Ambul. Services	Total # of Ground Ambul. Vehicles	Total # of Non-trans. Responder Services	Total # of Non-trans. Responder Vehicles	Total # of Non-Emerg. Trans. Svcs.	No. of EMT's Required per call
Nebraska	3	3	350	475	25	---	2	1
Nevada	8	10	70	148	0	0	2	0
New Hampshire	0	1	132	225	32	---	9	0
New Jersey	3	6	700	1150	---	---	---	2
New Mexico	2	5	75	180	125	150	5	2
New York								
North Carolina	1	6	515	1225	130	---	14	1
North Dakota	5	0	134	238	50	35	0	0
Ohio	5	---	1061	2500	---	---	---	2
Oklahoma								
Oregon	---	---	---	---	---	---	---	1
Pennsylvania	6	13	1078	2074	44	44	102	1
Rhode Island								
South Carolina	1	2	180	454	---	---	3	1
South Dakota								
Tennessee	19	---	141	499	---	---	24	1
Texas	10	12	1002	2352	---	---	---	0
Utah	---	---	---	---	---	---	---	2
Vermont	0	0	81	151	45	---	2	0
Virginia	6	7	450	1414	10	23	30	1
Washington	10	15	230	523	205	449	---	1
West Virginia	1	3	190	525	---	---	---	0
Wisconsin	16	---	427	734	130	---	---	1
Wyoming	8	16	82	160	30	30	2	1
American Samoa								
D.C.	---	---	---	---	---	---	---	2
Guam								
Puerto Rico								
Virgin Islands	3	3	1	10	0	0	2	2

Explanation of Symbols: --- =Information was not provided

Footnotes: [1] Alaska has two criticl care air ambulance services in Alaska, plus one in Seattle which serves the Southeast region.

TABLE II

EMS TRANSPORTATION SERVICES

Total Number by Type of State Service

STATE	AIR AMBULANCE SERVICE		AIR AMBULANCE VEHICLES		GROUND AMBULANCE SERVICE		GROUND AMBULANCE VEHICLES		NON-TRANS. RESPONDER SERVICES		NON-TRANS. RESPONDER VEHICLES		NON-EMERG. TRANSPORT. SERVICES	
Alabama	SP=Un	LP=1	SP=Un	LP=1	SP=Un	LP=2	SP=Un	LP=2	SP=1	LP=--	SP=1	LP=--	SP=0	LP=--
	HB=2	Mil=1	HB=3	Mil=2	HB=19	Mil=9	HB=38	Mil=9	HB=--	Mil=--	HB=--	Mil=--	HB=--	Mil=--
	PN=Un	PP=--	PN=Un	PP=--	PN=Un	PP=62	PN=Un	PP=124	PN=Un	PP=--	PN=Un	PP=--	PN=Un	PP=1
	VI=--	FV=--	VI=--	FV=--	VI=80	FV=21	VI=50	FV=12	VI=30	FD=9	VI=Un	FV=Un	VI=Un	FV=Un
	FP=--	LG=--	FP=--	LG=--	FP=38	LG=30	FP=22	LG=60	FP=16	LG=Un	FP=Un	LG=Un	FP=Un	LG=Un
Alaska	SP=2	LP=0	SP=2	LP=0	SP=0	LP=2	SP=0	LP=4	SP=0	LP=0	SP=0	LP=0	SP=0	LP=0
	HB=1	Mil=1	HB=--	Mil=6	HB=--	Mil=--	HB=--	Mil=--	HB=--	Mil=--	HB=--	Mil=--	HB=--	Mil=--
	PN=5	PP=2	PN=--	PP=2	PN=--	PP=1	PN=1--	PP=1	PN=1	PP=0	PN=--	PP=0	PN=--	PP=1
	VI=--	FV=--	VI=--	FV=--	VI=31	FV=25	VI=36	FV=55	VI=--	FV=--	VI=--	FV=--	VI=--	FV=--
	FP=--	LG=0	FP=--	LG=0	FP=4	LG=2	FP=16	LG=2	FP=--	LG=--	FP=--	LG=--	FP=--	LG=--
Arizona														
Arkansas	SP=--	LP=--	SP=--	LP=Un	SP=--	LP=2	SP=--	LP=3	SP=--	LP=--	SP=--	LP=--	SP=--	LP=--
	HB=2	Mil=--	HB=2	Mil=--	HB=30	Mil=--	HB=60	Mil=--	HB=--	Mil=--	HB=--	Mil=--	HB=--	Mil=--
	PN=--	PP=--	PN=--	PP=--	PN=--	PP=50	PN=100	PP=--	PN=--	PP=--	PN=--	PP=--	PN=--	PP=--
	VI=--	FV=--	VI=--	FV=--	VI=20	FV=25	VI=30	FV=50	VI=--	FV=--	VI=--	FV=--	VI=--	FV=--
	FP=--	LG=--	FP=--	LG=--	FP=22	LG=25	FP=44	LG=49	FP=--	LG=--	FP=--	LG=--	FP=--	LG=--
California	SP=Un	LP=Un	SP=Un	LP=Un	SP=Un	LP=Un	SP=Un	LP=Un	SP=Un	LP=Un	SP=Un	LP=Un	SP=Un	LP=Un
	HB=Un	Mil=Un	HB=Un	Mil=Un	HB=Un	Mil=Un	HB=Un	Mil=Un	HB=Un	Mil=Un	HB=Un	Mil=Un	HB=Un	Mil=Un
	PN=Un	PP=Un	PN=Un	PP=Un	PN=Un	PP=Un	PN=Un	PP=Un	PN=Un	PP=Un	PN=Un	PP=Un	PN=Un	PP=Un
	VI=Un	FV=Un	VI=Un	FV=Un	VI=Un	FV=Un	VI=Un	FV=Un	VI=Un	FV=Un	VI=Un	FV=Un	VI=Un	FV=Un
	FP=Un	LG=Un	FP=Un	LG=Un	FP=Un	LG=Un	FP=Un	LG=Un	FP=Un	LG=Un	FP=Un	LG=Un	FP=Un	LG=Un

KEY:

SP = State Police
HB = Hospital Based
PN = Private Non-Profit
VI = Volunteer-Independent
FP = Fire Department-Paid
-- = Information Not Provided

LP = Local Police
Mil = Military
PP = Private For-Profit
FV = Fire Department-Volunteer
LG = Local Government
Un = Unknown

STATE	AIR AMBULANCE SERVICE	AIR AMBULANCE VEHICLES	GROUND AMBULANCE SERVICE	GROUND AMBULANCE VEHICLES	NON-TRANS. RESPONDER SERVICES	NON-TRANS. RESPONDER VEHICLES	NON-EMERG. TRANSPORT. SERVICES
Colorado	SP=0 LP=-- HB=5 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=0 LP=1 HB=6 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=0 LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Connecticut	SP=0 LP=0 HB=1 Mil=0 PN=0 PP=-- VI=-- FV=-- FP=-- LG=--	SP=0 LP=0 HB=1 Mil=0 PN=0 PP=-- VI=-- FV=-- FP=-- LG=--	SP=0 LP=2 HB=2 Mil=0 PN=5 PP=45 VI=50 FV=130 FP=16 LG=--	SP=0 LP=8 HB=8 Mil=0 PN=10 PP=130 VI=84 FV=170 FP=40 LG=--	SP=0 LP=0 HB=-- Mil=-- PN=-- PP=-- VI=1 FV=-- FP=9 LG=--	SP=0 LP=0 HB=-- Mil=-- PN=-- PP=-- VI=2 FV=-- FP=15 LG=--	SP=0 LP=0 HB=-- Mil=-- PN=-- PP=10 VI=-- FV=-- FP=-- LG=--
Delaware	SP=1 LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=1 Mil=-- PN=-- PP=1 VI=4 FV=51 FP=-- LG=2	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=1 VI=-- FV=-- FP=-- LG=--
Florida	SP=0 LP=2 HB=3 Mil=0 PN=0 PP=46 VI=0 FV=0 FP=0 LG=1	SP=0 LP=2 HB=2 Mil=8 PN=0 PP=82 VI=0 FV=0 FP=0 LG=1	SP=0 LP=1 HB=1 Mil=14 PN=0 PP=49 VI=5 FV=28 FP=86 LG=--	SP=0 LP=1 HB=1 Mil=67 PN=0 PP=118 VI=14 FV=9 FP=254 LG=--	SP=0 LP=0 HB=0 Mil=0 PN=0 PP=0 VI=0 FV=0 FP=6 LG=--	SP=0 LP=0 HB=0 Mil=0 PN=0 PP=0 VI=0 FV=0 FP=-- LG=--	SP=0 LP=0 HB=0 Mil=0 PN=0 PP=43 VI=1 FV=0 FP=0 LG=--
Georgia	SP=-- LP=-- HB=1 Mil=-- PN=-- PP=1 VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=1 Mil=-- PN=-- PP=2 VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=73 Mil=-- PN=-- PP=32 VI=14 FV=3 FP=8 LG=54	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=22 FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=2 FV=3 FP=8 LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--

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FV = Fire Department-Volunteer
LG = Local Government
Un = Unknown

STATE	AIR AMBULANCE SERVICE	AIR AMBULANCE VEHICLES	GROUND AMBULANCE SERVICE	GROUND AMBULANCE VEHICLES	NON-TRANS. RESPONDER SERVICES	NON-TRANS. RESPONDER VEHICLES	NON-EMERG. TRANSPORT. SERVICES
Hawaii	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=1 VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=5 Mil=-- PN=-- PP=2 VI=-- FV=-- FP=1 LG=1	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Idaho	SP=-- LP=-- HB=1 Mil=1 PN=2 PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=1 Mil=3 PN=3 PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=9 Mil=1 PN= -- PP=7 VI=67 FV=6 FP=6 LG=2	SP=-- LP=-- HB=20 Mil=2 PN=-- PP=20 VI=79 FV=8 FP=20 LG=9	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=66 FV=8 FP=10 LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=73 FV=8 FP=24 LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Illinois	SP=0 LP=0 HB=2 Mil=2 PN=Un PP=Un VI=Un FV=0 FP=1 LG=1	SP=0 LP=0 HB=3 Mil=10 PN=Un PP=Un VI=Un FV=0 FP=2 LG=2	SP=0 LP=6 HB=13 Mil=Un PN=Un PP=128 VI=Un FV=96 FP=288 LG=153	SP=0 LP=Un HB=Un Mil=Un PN=Un PP=Un VI=Un FV=Un FP=Un LG=Un	SP=0 LP=Un HB=Un Mil=Un PN=Un PP=Un VI=Un FV=Un FP=Un LG=Un	SP=0 LP=Un HB=Un Mil=Un PN=Un PP=Un VI=Un FV=Un FP=Un LG=Un	SP=0 LP=Un HB=Un Mil=Un PN=Un PP=Un VI=Un FV=Un FP=Un LG=Un
Indiana	SP=0- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=0 LP=-- HB=-- Mil=6 PN=-- PP=8 VI=-- FV=-- FP=-- LG=--	SP=0 LP=5 HB=5 Mil=34 PN=0 PP=72 VI=63 FV=61 FP=32 LG=34	SP=0 LP=9 HB=9 Mil=137 PN=-- PP=234 VI=103 FV=85 FP=83 LG=119	SP=0 LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=0- LP=-- HB=-- Mil=4 PN=-- PP=2 VI=-- FV=-- FP=-- LG=2	SP=0 LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Iowa	SP=-- LP=-- HB=3 Mil=1 PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=3 Mil=1 PN=-- PP=3 Vi=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=34 Mil=-- PN=-- PP=43 VI=29 FV=141 FP=7 LG=117	SP=-- LP=-- HB=123 Mil=-- PN=-- PP=116 VI=47 FV=143 FP=26 LG=138	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=89 FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=249 FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--

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Kansas	SP=-- LP=-- HB=1 Mil=-- PN=-- PP=2 VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=5 HB=18 Mil=-- PN=-- PP=20 VI=124 FV=14 FP=16 LG=13	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Kentucky	SP=0 LP=0 HB=2 Mil=2 PN=0 PP=1 VI=-- FV=-- FP=-- LG=--	SP=0 LP=0 HB=2 Mil=2 PN=0 PP=1 VI=-- FV=-- FP=-- LG=--	SP=0 LP=1 HB=15 Mil=-- PN=6 PP=61 VI=26 FV=49 FP=24 LG=76	SP=0 LP=15 HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=0 VI=0 FV=0 FP=0 LG=0	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=0 VI=0 FV=0 FP=0 LG=0	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=11 VI=0 FV=0 FP=0 LG=0
Louisiana	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Maine	SP=-- LP=-- HB=-- Mil=1 PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=3 PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=0 LP=2 HB=9 Mil=1 PN=52 PP=28 VI=38 FV=19 FP=22 LG=--	SP=0 LP=3 HB=21 Mil=1 PN=80 PP=48 VI=48 FV=25 FP=32 LG=--	SP=0 LP=0 HB=0 Mil=-- PN=2 PP=-- VI=-- FV=14 FP=3 LG=--	SP=0 LP=0 HB=0 Mil=0 PN=-- PP=-- VI=-- FV=10 FP=3 LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Maryland	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=10 LP=0 HB=0 Mil=-- PN=0 PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--

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STATE	AIR AMBULANCE SERVICE	AIR AMBULANCE VEHICLES	GROUND AMBULANCE SERVICE	GROUND AMBULANCE VEHICLES	NON-TRANS. RESPONDER SERVICES	NON-TRANS. RESPONDER VEHICLES	NON-EMERG. TRANSPORT. SERVICES
Massachusettes	SP=0 LP=0	SP=0 LP=0	SP=0 LP=30	SP=0 LP=43	SP=0 LP=0	SP=0 LP=0	SP=0 LP=0
	HB=2 Mil=2	HB=2 Mil=4	HB=1 Mil=7	HB=2 Mil=0	HB=3 Mil=0	HB=3 Mil=0	HB=0 Mil=0
	PN=0 PP=0	PN=0 PP=0	PN=3 PP=68	PN=5 PP=326	PN=0 PP=0	PN=0 PP=0	PN=0 PP=31
	VI=0 FV=0	VI=0 FV=0	VI=20 FV=52	VI=27 FV=63	VI=UN FV=UN	VI=UN FV=UN	VI=0 FV=0
	FP=0 LG=0	FP=0 LG=0	FP=108 LG=34	FP=169 LG=70	FP=UN LG=UN	FP=UN LG=UN	FP=0 LG=0
Michigan	SP=-- LP=2	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=11	SP=-- LP=--	SP=-- LP=--
	HB=1 Mil=--	HB=-- Mil=--	HB=23 Mil=--	HB=51 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=20 PP=--	PN=-- PP=--	PN=101 PP=236	PN=-- PP=678	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=101 FV=40	VI=202 FV=40	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=7 LG=14	FP=112 LG=UN	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Minnesota	SP=-- LP=--	SP=-- LP=--	SP=-- LP=7	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=1 Mil=--	HB=-- Mil=--	HB=49 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=4	PN=-- PP=--	PN=1 PP=57	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=58	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=5 LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Mississippi	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=1 Mil=--	HB=2 Mil=--	HB=60 Mil=--	HB=144 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=3 Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Missouri	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=4 Mil=--	HB=-- Mil=--	HB=40 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=35	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=4 FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=19 LG=159	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--

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Montana	SP=0 LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=0 LP=0 HB=7 Mil=-- PN=-- PP=12 VI=45 FV=9 FP=5 LG=21	SP=-- LP=0 HB=14 Mil=-- PN=-- PP=43 VI=69 FV=10 FP=13 LG=46	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=UN VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=UN VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Nebraska	SP=-- LP=-- HB=3 Mil=1 PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=3 Mil=16 PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=10 VI=50 FV=275 FP=7 LG=6	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=50 VI=100 FV=254 FP=20 LG=14	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Nevada	SP=-- LP=-- HB=2 Mil=-- PN=-- PP=4 VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=3 Mil=-- PN=-- PP=5 VI=25 FV=-- FP=4 LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
New Hampshire	SP=0 LP=0 HB=2 Mil=0 PN=-- PP=0 VI=0 FV=0 FP=0 LG=0	SP=0 LP=0 HB=2 Mil=0 PN=-- PP=0 VI=0 FV=0 FP=0 LG=0	SP=0 LP=0 HB=4 Mil=0 PN=-- PP=23 VI=50 FV=25 FP=25 LG=0	SP=0 LP=0 HB=8 Mil=0 PN=0 PP=59 VI=62 FV=39 FP=52 LG=0	SP=0 LP=0 HB=0 Mil=0 PN=0 PP=0 VI=22 FV=10 FP=0 LG=0	SP=0 LP=0 HB=0 Mil=0 PN=0 PP=0 VI=0 FV=0 FP=0 LG=0	SP=0 LP=0 HB=0 Mil=0 PN=0 PP=0 VI=0 FV=0 FP=0 LG=0
New Jersey	SP=1 LP=-- HB=-- Mil=-- PN=-- PP=2 VI=-- FV=-- FP=-- LG=--	SP=4- LP=-- HB=-- Mil=-- PN=-- PP=3 VI=-- FV=-- FP=-- LG=--	SP=-- LP=15 HB=28 Mil=-- PN=-- PP=109 VI=620 FV=25 FP=17 LG=--	SP=-- LP=30 HB=42 Mil=-- PN=-- PP=150 VI=900 FV=70 FP=50 LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--

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New Mexico	SP=-- LP=--	SP=-- LP=--	SP=-- LP=3	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=1 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=1	PN=-- PP=--	PN=-- PP=10	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=5
	VI=-- FV=--	VI=-- FV=--	VI=6 FV=9	VI=-- FV=--	VI=-- FV=95	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=9 LG=24	FP=-- LG=--	FP=15 LG=--	FP=-- LG=--	FP=-- LG=--
New York	SP=-- LP=--	SP=-- LP=--	SP=-- LP=2	SP=-- LP=6	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=--	HB=-- Mil=--	HB=31 Mil=--	HB=125 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=1 PP=0	PN=1 PP=0	PN=-- PP=112	PN=-- PP=600	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=338 FV=538	VI=1200 FV=1800	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=14 LG=--	FP=35 LG=10	FP=-- LG=200	FP=-- LG=--	FP=-- LG=--
N. Carolina	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=2	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=1	HB=-- Mil=6	HB=21 Mil=--	HB=57 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=20	PN=-- PP=81	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=271 FV=84	VI=623 FV=129	VI=9 FV=107	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=10 LG=67	FP=37 LG=188	FP=11 LG=--	FP=-- LG=--	FP=-- LG=--
North Dakota	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=--	HB=-- Mil=--	HB=10 Mil=--	HB=24 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=8	PN=-- PP=29	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=76 FV=31	VI=123 FV=48	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Ohio	SP=-- LP=--	SP=-- LP=--	SP=14 LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=5 Mil=--	HB=-- Mil=--	HB=-- Mil=8	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=231	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=660 LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--

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Oklahoma	SP=0 LP=--	SP=0 LP=--	SP=0 LP=7	SP=0 LP=--	SP=0 LP=0	SP=0 LP=--	SP=0 LP=--
	HB=2 Mil=1	HB=-- Mil=--	HB=25 Mil=0	HB=-- Mil=--	HB=0 Mil=0	HB=-- Mil=--	HB=-- Mil=--
	PN=0 PP=0	PN=-- PP=--	PN=0 PP=--	PN=-- PP=--	PN=0 PP=0	PN=-- PP=--	PN=-- PP=--
	VI=0 FV=0	VI=-- FV=--	VI=37 FV=17	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=0 LG=0	FP=-- LG=--	FP=21 LG=45	FP=-- LG=--	FP=0 LG=0	FP=-- LG=--	FP=-- LG=--
Oregon	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Pennsylvania	SP=1 LP=--	SP=6 LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=4 Mil=--	HB=5 Mil=--	HB=12 Mil=4	HB=16 Mil=4	HB=19 Mil=--	HB=19 Mil=--	HB=-- Mil=--
	PN=-- PP=2	PN=-- PP=2	PN=-- PP=16	PN=-- PP=28	PN=-- PP=--	PN=-- PP=--	PN=-- PP=102
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=81 LG=56	FP=145 LG=100	FP=-- LG=3	FP=-- LG=4	FP=-- LG=--
Rhode Island	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=1 LP=3	SP=2 LP=3	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=2 Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=13	PN=-- PP=29	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=22 FV=36	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=24 LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
S. Carolina	SP=0 LP=0	SP=0 LP=0	SP=0 LP=0	SP=0 LP=0	SP=0 LP=0	SP=0 LP=0	SP=0 LP=0
	HB=0 Mil=1	HB=0 Mil=2	HB=12 Mil=1	HB=33 Mil=5	HB=-- Mil=--	HB=-- Mil=--	HB=1 Mil=--
	PN=-- PP=0	PN=-- PP=0	PN=1 PP=8	PN=1 PP=35	PN=-- PP=Un	PN=-- PP=Un	PN=-- PP=10
	VI=0 FV=0	VI=0 FV=0	VI=99 FV=3	VI=191 FV=3	VI=Un FV=Un	VI=Un FV=Un	VI=4 FV=0
	FP=0 LG=--	FP=0 LG=--	FP=1 LG=41	FP=1 LG=175	FP=Un LG=--	FP=Un LG=--	FP=0 LG=--

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South Dakota							
Tennessee	SP=-- LP=1	SP=-- LP=--	SP=1 LP=1	SP=1 LP=1	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=5 Mil=1	HB=-- Mil=--	HB=21 Mil=1	HB=57 Mil=1	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=1 PP=11	PN=-- PP=--	PN=2 PP=26	PN=13 PP=82	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=22 FV=4	VI=76 FV=5	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=6 LG=52	FP=73 LG=184	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Texas	SP=-- LP=--	SP=-- LP=--	SP=-- LP=16	SP=-- LP=31	SP=1 LP=--	SP=1 LP=--	SP=-- LP=--
	HB=2 Mil=1	HB=-- Mil=--	HB=60 Mil=20	HB=162 Mil=30	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=7	PN=-- PP=--	PN=-- PP=280	PN=-- PP=725	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=140 FV=137	VI=265 FV=212	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=93 LG=59	FP=360 LG=181	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Utah	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=---	HB=-- Mil=--	HB=-- Mil=---	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Vermont*	SP=0 LP=0	SP=-- LP=--	SP=0 LP=0	SP=-- LP=--	SP=0 LP=0	SP=-- LP=--	SP=0 LP=0
	HB=-- Mil=0	HB=-- Mil=--	HB=1 Mil=0	HB=-- Mil=--	HB=-- Mil=0	HB=-- Mil=--	HB=1 Mil=0
	PN=-- PP=0	PN=-- PP=0	PN=0 PP=7	PN=-- PP=15	PN=0 PP=Un	PN=-- PP=Un	PN=0 PP=0
	VI=0 FV=0	VI=0 FV=0	VI=40 FV=9	VI=83 FV=10	VI=Un FV=Un	VI=Un FV=Un	VI=1 FV=0
	FP=0 LG=0	FP=0 LG=0	FP=6 LG=16	FP=16 LG=26	FP=Un LG=Un	FP=Un LG=Un	FP=0 LG=0

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Virginia	SP=1 LP=1 HB=4 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=1 LP=2 HB=4 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=0 LP=0 HB=15 Mil=-- PN=-- PP=77 VI=268 FV=67 FP=-- LG=7	SP=0 LP=0 HB=15 Mil=-- PN=-- PP=Un VI=Un FV=Un FP=Un LG=88	SP=0 LP=0 HB=0 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=0 LP=0 HB=0 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=0 LP=0 HB=0 Mil=-- PN=-- PP=14 VI=-- FV=-- FP=-- LG=--
Washington	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
W. Virginia	SP=1 LP=0 HB=0 Mil=0 PN=0 PP=0 VI=0 FV=0 FP=0 LG=0	SP=1 LP=0 HB=0 Mil=0 PN=0 PP=0 VI=0 FV=0 FP=0 LG=0	SP=0 LP=0 HB=5 Mil=0 PN=1 PP=23 VI=86 FV=64 FP=5 LG=1	SP=0 LP=0 HB=11 Mil=0 PN=3 PP=35 VI=292 FV=140 FP=10 LG=6	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Wisconsin	SP=-- LP=-- HB=2 Mil=-- PN=-- PP=14 VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=2 Mil=-- PN=-- PP=Un VI=-- FV=-- FP=-- LG=--	SP=0 LP=5 HB=21 Mil=0 PN=15 PP=53 VI=101 FV=130 FP=49 LG=48	SP=-- LP=11 HB=43 Mil=-- PN=19 PP=104 VI=215 FV=191 FP=86 LG=56	SP=-- LP=-- HB=-- Mil=-- PN=10 PP=-- VI=80 FV=25 FP=10 LG=5	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=Un VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=Un VI=-- FV=-- FP=-- LG=--
Wyoming	SP=-- LP=-- HB=1 Mil=-- PN=-- PP=7 VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=10 Mil=-- PN=-- PP=10 VI=-- FV=40 FP=1 LG=15	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=30 FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=2 VI=-- FV=-- FP=-- LG=--

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Mil = Military
PN = Private Non-Profit
PP = Private For-Profit
VI = Volunteer-Independent
FV = Fire Department-Volunteer
FP = Fire Department-Paid
LG = Local Government
-- = Information Not Provided
Un = Unknown

STATE	AIR AMBULANCE SERVICE	AIR AMBULANCE VEHICLES	GROUND AMBULANCE SERVICE	GROUND AMBULANCE VEHICLES	NON-TRANS. RESPONDER SERVICES	NON-TRANS. RESPONDER VEHICLES	NON-EMERG. TRANSPORT. SERVICES
D.C.	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=19 LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=5 LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=36 LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=68 LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Amer. Samoa							
Guam	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=1 LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=5 LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Puerto Rico							
Virgin Is.	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=2 VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=4 VI=0 FV=-- FP=-- LG=--	SP=-- LP=-- HB=5 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=2 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=2 FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=2 FV=-- FP=-- LG=--	SP=-- LP=-- HB=2 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--

KEY:

SP = State Police
HB = Hospital Based
PN = Private Non-Profit
VI = Volunteer-Independent
FP = Fire Department-Paid
-- = Information Not Provided

LP = Local Police
Mil = Military
PP = Private For-Profit
FV = Fire Department-Volunteer
LG = Local Government
Un = Unknown

TABLE III

EMS AMBULANCE SERVICES

	Annual Volume of ....Ambulance Calls....		Employment of a Statewide Ambul. Purchase Contract
STATE	Emerg.	Non-Emerg.	
Alabama	---	---	No
Alaska	30,000	---	No
Arizona			
Arkansas	120,000	---	No
California			
Colorado	---	---	Yes
Connecticut	120,000	150,000	No
Delaware	---	---	No
Florida	---	---	No
Georgia	220,000	---	No
Hawaii	37,000	---	No
Idaho	25,000	16,000	Yes
Illinois	---	---	No
Indiana	243,125	90,739	No
Iowa	66,477	68,381	No
Kansas	---	---	No
Kentucky			
Louisiana			
Maine	30,000	55,000	No
Maryland	318,000	---	No
Massachusetts	225,000	---	No
Michigan	---	---	No
Minnesota	---	---	No
Mississippi	---	---	No
Missouri	200,000	100,000	No
Montana	---	---	No
Nebraska	14,782	39,968	No
Nevada	---	---	No
New Hampshire	50,094	24,155	No
New Jersey	64,000	---	No
New Mexico	70,000	30,000	Yes
New York			
N. Carolina	210,470	116,792	Yes
North Dakota	8,000	12,000	No
Ohio	1,000,000	---	No
Oklahoma			
Oregon	---	---	No
Pennsylvania	81,000	670,000	No
Rhode Island			
S. Carolina	150,000	50,000	No

	Annual Volume of ....Ambulance Calls....		Employment of a Statewide Ambul. Purchase Contract
STATE	Emerg.	Non-Emerg.	
South Dakota			
Tennessee	161,632	121,502	No
Texas	---	---	No
Utah	50,836[1]		No
Vermont	---	---	No
Virginia	---	---	No
Washington	300,000[1]		No
West Virginia	---	---	Yes
Wisconsin	185,000	60,000	No
Wyoming	16,000	6,000	No
American Samoa			
D.C.	96,855	---	Yes
Guam			
Puerto Rico			
Virgin Islands	---	---	No

--- = Information not provided

Footnotes:

[1] This number represents a total of the annual volume of emergency and non-emergency calls. A breakdown between the two is not available.

State Laws and Regulations Governing EMS Transportation Services

There are a number of policies and procedures that must be addressed by states regarding the regulation of EMS provider groups and their leadership. Most ambulance services are licensed by statutory authority (see Table IV). A few states depend on other agencies, such as the Department of Human Services, the Public Service Commission, the State Highway Patrol, the Federal Aviation Administration and others to perform this regulatory function. A number of states did not provide information on their licensure laws. The assumption is, in these states, EMS services and vehicles are not licensed and the states must depend on the licensing of EMS personnel to insure quality emergency services.

As Table IV shows, the inspection patterns of EMS services and vehicles vary greatly from state to state. Surprisingly, many states report that the state EMS office does not perform inspections on air and ground transportation services or vehicles. Twelve states report that air ambulance vehicles receive no inspection from the office and only six state EMS offices routinely conduct inspections on air vehicles at the time of licensure. A few states inspect ground and air ambulance vehicles or services on a random basis, some state offices inspect annually and one state office conducts an inspection only after receiving a complaint.

Many states provide standards that must be met for the design of ambulance vehicles and for the equipment used by EMS personnel (see Table V). Although many states do have standards in place, the majority do not provide regulations or standards for equipment or vehicle design. A slight majority of states provide regulations regarding EMS personnel; although, again, quite a few states report that personnel are not regulated.

TABLE IV

STATE EMS TRANSPORTATION SERVICES[1]

EMS PROVIDER GROUPS	SERVICES LICENSED BY STATUTORY AUTHORITY	SERVICES LICENSED BY OTHER AUTHORITY (Specified)	% OF SERVICES WITH PHYSICIAN AS MEDICAL DIRECTOR	INSPECTION PATTERN OF EMS SERVICES AND/OR VEHICLES
AIR AMBULANCE SERVICE	Yes: 21 No: 7 No Response: 22	County: 1 DHS: 1 FAA: 1 PA Police: 1	0 - 25: 3 26 - 55: 1 56 -100: 27 No Response: 16	No Inspection: 10 Initial Licensure: 4 Following Complaints: 1 Random Statewide Inspection Program: 2 Annual Statewide Inspection: 10 No Response: 19
AIR AMBULANCE VEHICLES	Yes: 16 No: 8 No Response: 25	DHS: 1 FAA: 3 PA Police: 1	0 - 25: 3 26 - 55: 1 56 -100: 7 No Response: 34	No Inspection: 12 Initial Licensure: 6 Following Complaints: 0 Random Statewide Inspection Program: 4 Annual Statewide Inspection: 12 No Response: 17
GROUND AMBULANCE SERVICE	Yes: 26 No: 7 No Response: 15	County: 1 DHS: 1 DOT: 1 SCC: 1	0 - 25: 6 26 - 55: 5 56 -100: 15 No Response: 18	No Inspection: 7 Initial Licensure: 4 Following Complaints: 1 Random Statewide Inspection Program: 5 Annual Statewide Inspection: 14 No Response: 12
GROUND AMBULANCE VEHICLES	Yes: 26 No: 8 No Response: 15	County: 1 DHS: 1 KKK: 1 CA Hwy Patr: 1 SCC: 1 Private Sec: 1	0 - 25: 3 26 - 55: 1 56 -100: 4 No Response: 35	No Inspection: 8 Initial Licensure: 5 Following Complaints: 0 Random Statewide Inspection Program: 5 Annual Statewide Inspection: 12 No Response: 8
NON-TRANSPORTING RESPONDER SERVICES	Yes: 10 No: 6 No Response: 33	DHS: 1 Assn. of Rescue Squads: 1	0 - 25: 7 26 - 55: 1 56 -100: 6 No Response: 34	No Inspection: 14 Initial Licensure: 0 Following Complaints: 1 Random Statewide Inspection Program: 3 Annual Statewide Inspection: 6 No Response: 25

EMS PROVIDER GROUPS	SERVICES LICENSED BY STATUTORY AUTHORITY	SERVICES LICENSED BY OTHER AUTHORITY (Specified)	% OF SERVICES WITH PHYSICIAN AS MEDICAL DIRECTOR	INSPECTION PATTERN OF EMS SERVICES AND/OR VEHICLES
NON-TRANSPORTING RESPONDER VEHICLES	Yes: 8 No: 9 No Response: 34	DHS: 1 DMV: 1 Assn. of Rescue Squads: 1	0 - 25: 1 26 - 55: 1 56 -100: 4 No Response: 40	No Inspection: 13 Initial Licensure: 1 Following Complaints: 1 Random Statewide Inspection Program: 3 Annual Statewide Inspection: 6 No Response: 24
NON-EMERGENCY TRANSPORTATION SERVICES	Yes: 16 No: 8 No Response: 25	County: 1 DHS: 1 DMV: 1 Local Auth: 1 Medicaid/ Medicare: 1 PSC: 1 SCC: 1	0 - 25: 5 26 - 55: 0 56 -100: 4 No Response: 37	No Inspection: 7 Initial Licensure: 1 Following Complaints: 1 Random Statewide Inspection Program: 3 Annual Statewide Inspection: 8 No Response: 26

Notes:
- Massachusetts has a bi-annual statewide inspection.
- Guam has a quarterly statewide inspection.
- North Dakota has a bi-annual statewide inspection.

KEY:

DHS = Department of Human Services
DMV = Department of Motor Vehicles
FAA = Federal Aviation Administration
PSC = Public Service Commission
SCC = State Corporation Commission

Footnotes:

1. The numbers in the table represent aggregated information of state responses to the survey.

TABLE V

TRANSPORTATION REGULATIONS FOR STATE EMS SERVICES AND VEHICLES
(Aggregated Information[1])

. . . . . REGULATIONS OR STANDARDS ARE IN PLACE FOR THESE SERVICES OR VEHICLES . . . . .

EMS SERVICE	EQUIPMENT	VEHICLE DESIGN USING KKK SPECS	VEHICLE DESIGN USING STATE SPECS	PERSONNEL	SERVICE OPERATIONS	MEDICAL CONTROL
AIR AMBULANCE SERVICE	Yes: 21	Yes: 3	Yes: 6	Yes: 24	Yes: 18	Yes: 20
	No: 27	No: 43	No: 41	No: 24	No: 30	No: 28
	No Response: 2	No Response: 4	No Response: 3	No Response: 2	No Response: 2	No Response: 2
AIR AMBULANCE VEHICLES	Yes: 19	Yes: 4	Yes: 10	Yes: 15	Yes: 6	Yes: 8
	No: 29	No: 43	No: 37	No: 32	No: 41	No: 39
	No Response: 2	No Response: 3	No Response: 3	No Response: 3	No Response: 3	No Response: 3
GROUND AMBULANCE SERVICE	Yes: 34	Yes: 12	Yes: 10	Yes: 39	Yes: 25	Yes: 36
	No: 14	No: 34	No: 37	No: 9	No: 23	No: 12
	No Response: 2	No Response: 4	No Response: 3	No Response: 2	No Response: 2	No Response: 2
GROUND AMBULANCE VEHICLES	Yes: 40	Yes: 24	Yes: 20	Yes: 31	Yes: 15	Yes: 19
	No: 8	No: 23	No: 28	No: 16	No: 32	No: 28
	No Response: 2	No Response: 3	No Response: 2	No Response: 3	No Response: 3	No Response: 3
NON-TRANSPORTING RESPONDER SERVICE	Yes: 8	Yes: 0	Yes: 2	Yes: 13	Yes: 8	Yes: 10
	No: 37	No: 44	No: 42	No: 32	No: 37	No: 35
	No Response: 5	No Response: 6	No Response: 6	No Response: 5	No Response: 5	No Response: 5
NON-TRANSPORTING RESPONDER VEHICLES	Yes: 8	Yes: 1	Yes: 2	Yes: 7	Yes: 4	Yes: 4
	No: 37	No: 44	No: 42	No: 37	No: 40	No: 40
	No Response: 5	No Response: 5	No Response: 6	No Response: 6	No Response: 6	No Response: 6
NON-EMERGENCY TRANSPORTATION SERVICE	Yes: 16	Yes: 5	Yes: 8	Yes: 15	Yes: 11	Yes: 8
	No: 29	No: 39	No: 37	No: 30	No: 34	No: 37
	No Response: 5	No Response: 6	No Response: 5	No Response: 5	No Response: 5	No Response: 5

---

1. The numbers in the table represent the total number of states that responded to that category.

Table VI provides information on the highest level of medical personnel that staff emergency ground and air transportation vehicles. Tables VII and VIII provide information on emergency air transportation systems in the states. Table VII contains an aggregation of responses to questions about emergency missions conducted annually, square mileage covered, and accidents endured. Table VIII is a state-by-state table detailing why emergency air transportation (E.A.T.) is utilized and how emergency air transportation is brought into service, the funding source of E.A.T. systems, availability of E.A.T. and the agency that is responsible for E.A.T.

All states but four, Hawaii, Maine, New Jersey and New York, reported that E.A.T. is made available on request by hospitals. In a majority of the states, fire departments and police may also request E.A.T. In California, Georgia, Kentucky, Louisiana, Mississippi, Montana, Oregon, Texas and the Virgin Islands, private citizens can request and receive E.A.T. New Hampshire, New Jersey, New York, Vermont, West Virginia and the Virgin Islands provide E.A.T. during daytime hours only. The rest of the states provide this service on a 24-hour basis.

There are a variety of funding sources for state emergency air transportation, but most states report that fees for service are an important, or the only, contribution to the E.A.T. budget. Other sources of funding are MAST*, existing agency budgets, private agencies, or special funding or accounts.

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*MAST: Military Assistance to Safety and Traffic

TABLE VI

HIGHEST CARE LEVELS

STATE	TOTAL # OF AIR AMBULANCE SERVICES	AIR AMBULANCE SERVICES HIGHEST CARE LEVEL	TOTAL # OF GROUND AMBULANCE SERVICES	GROUND AMBULANCE SERVICES HIGHEST CARE LEVEL
Alabama	4	Paramedic: 4 Nurse: 2 Physician: 2	501	Basic EMT: 109 Intermediate: 9 Paramedic: 81
Alaska	8	Intermediate: 2 Paramedic: 3 Nurse/Phys.: 3	81 (includes 9 military)	Basic EMT: 37 Intermediate: 32 Paramedic: 3
Arizona				
Arkansas	2	Nurse: 1 Physician: 1	195	Basic EMT: 176 Paramedic: 16
California	Unknown	Unknown	Unknown	Unknown
Colorado	5	Nurse: 5	181	Basic EMT: 156 Paramedic: 25
Connecticut	1	Nurse: .5 Physician: .5	250	Basic EMT: 130 Intermediate: 60 Paramedic: 60
Delaware	1	Basic EMT: 1	57	Basic EMT: 55 Paramedic: 2
Florida	46	No response	214	Intermediate: 76 Paramedic: 140 Physician: 1
Georgia	2	No response	231	No response
Hawaii	1	Paramedic: 1	11	Basic EMT: 7 Paramedic: 25

STATE	TOTAL # OF AIR AMBULANCE SERVICES	AIR AMBULANCE SERVICES HIGHEST CARE LEVEL	TOTAL # OF GROUND AMBULANCE SERVICES	GROUND AMBULANCE SERVICES HIGHEST CARE LEVEL
Idaho	4	Intermediate: 1 Paramedic: 2 Nurse: 1	99	Paramedic: 4
Illinois	4	Unknown	723	Basic EMT: 381 Intermediate: 60 Paramedic: 282
Indiana	6	Paramedic: 3 Physician: 3	358	Basic EMT: 283 Intermediate: 9 Paramedic: 54
Iowa	3	Paramedic: 1 Nurse: 3	383	Basic EMT: 270 Intermediate: 89 Paramedic: 24
Kansas	3	No response	213	No response
Kentucky	5	No response	299	No response
Louisiana	No response	No response	No response	No response
Maine	5	No response	186	Basic EMT: 113 Intermediate: 36 Paramedic: 37
Maryland	1	No response	24	No response
Massachusetts	3	Basic EMT: 2 Physician: 1	331	Basic EMT: 228 Intermediate: 64 Paramedic: 32
Michigan	22	No response	403	Basic EMT: 203 Intermediate: 26 Paramedic: 43

STATE	TOTAL # OF AIR AMBULANCE SERVICES	AIR AMBULANCE SERVICES HIGHEST CARE LEVEL	TOTAL # OF GROUND AMBULANCE SERVICES	GROUND AMBULANCE SERVICES HIGHEST CARE LEVEL
Minnesota	No response	Nurse: 5	No response	Basic EMT: 247 Intermediate: 22 Paramedic: 22
Mississippi	11	Paramedic: 1 Nurse: 10	130	Basic EMT: 115 Intermediate: 3 Paramedic: 12
Missouri	4	Nurse: 4	264	Basic EMT: 132 Paramedic: 132
Montana	0	N/A	110	Basic EMT: 9
Nebraska	3	Paramedic: 3 Physician: 2	350	Basic EMT: 338 Intermediate: 2 Paramedic: 10
Nevada	8	Paramedic/Nurse: 6	70	Basic EMT: 51 Intermediate: 11 Paramedic: 13
New Hampshire	2	Paramedic/Nurse: 2	132	Basic EMT: 98 Intermediate: 17 Paramedic: 3
New Jersey	3	No response	700	Paramedic: 28
New Mexico	2	Paramedic/Nurse: 2	75	Basic EMT: 45 Intermediate: 25 Paramedic: 5
New York	1	Paramedic: 1	1,190	N/A
N. Carolina	1	Basic EMT: 1	515	Basic EMT: 440 Intermediate: 53 Paramedic: 22

STATE	TOTAL # OF AIR AMBULANCE SERVICES	AIR AMBULANCE SERVICES HIGHEST CARE LEVEL	TOTAL # OF GROUND AMBULANCE SERVICES	GROUND AMBULANCE SERVICES HIGHEST CARE LEVEL
North Dakota	9	N/A	134	Basic EMT: 110 Intermediate: 4
Ohio	5	No response	1,061	No response
Oklahoma	3	Basic EMT: 1 Intermediate: 1 Paramedic: 1	205	Basic EMT: 185 Intermediate: 6 Paramedic: 8
Oregon	No response	No response	No response	No response
Pennsylvania	6	Paramedic/ Nurse/Physician: 4 (hospital based only)	1,078	Basic EMT: 958 Paramedic: 220
Rhode Island	0	N/A	86	Basic EMT: 95 Intermediate: 23 Paramedic: 18
S. Carolina	1	Paramedic: 1	180	Basic EMT: 83 Intermediate: 20 Paramedic: 80
South Dakota				
Tennessee	19	No response	141	No response
Texas	10	No response	1,002	No response
Utah	No response	No response	No response	No response
Vermont	0	N/A	81	Unknown
Virginia	6	Basic EMT: 1 Paramedic: 5	450	Basic EMT: 321 Intermediate: 59 Paramedic: 70

STATE	TOTAL # OF AIR AMBULANCE SERVICES	AIR AMBULANCE SERVICES HIGHEST CARE LEVEL	TOTAL # OF GROUND AMBULANCE SERVICES	GROUND AMBULANCE SERVICES HIGHEST CARE LEVEL
Washington	10	No response	230	No response
West Virginia	1	Paramedic: 1	190	Basic EMT: 86 Paramedic: 104
Wisconsin	16	Basic EMT: 1 Paramedic/ Nurse/Phys.: 2	427	Basic EMT: 399 Intermediate: 15 Paramedic: 13
Wyoming	8	Nurse: 8	82	Basic EMT: 9 Intermediate: 70 Paramedic: 3
Washington, DC	No response	No response	No response	Basic EMT: 14 Intermediate: 5 Paramedic: 5
Amer. Samoa				
Guam	0	N/A	1	Basic EMT: 1
Puerto Rico				
Virgin Islands	2	None	1	Paramedic: 1

TABLE VII

STATE EMS AIR TRANSPORTATION

(Aggregated Information[1])

	YES	PLANNED FOR FUTURE	NO PLANS	APPROXIMATE SQUARE MILES COVERED	APPROXIMATE NUMBER OF AIR EMERGENCY MISSIONS CONDUCTED ANNUALLY	MISHAPS OR ACCIDENTS IN THE LAST FIVE YEARS
Helicopters are Used for Emergency Air Transport	46	1**	1*	<50,000: 18 50,000-100,000: 8 >100,000: 2 Statewide: 6 No Response: 15	0-100: 7 101-500: 12 501-1,000: 6 >1,000: 9 No Response: 15	0: 15 <10: 12 11-25: 2 >25: 0 No Response: 20
Fixed Wing Aircraft are Used for Emergency Air Transport	37	0	13	<100,000: 8 100,000-250,000: 1 250,000-500,000: 0 750,000: 2 Statewide: 7 Nationwide: 2 No Response: 19	<100: 9 100-500: 4 500-1,000: 1 >1,000: 3 No Response: 22	0: 13 <10: 4 11-25: 0 >25: 0 No Response: 21

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1. The numbers in the table represent the total number of states that responded to that table.

* Guam
** Virgin Islands

TABLE VIII

EMERGENCY AIR TRANSPORTATION

State	E.A.T.* Made Available on Request by	Field Personnel Request E.A.T. Through	Primary Uses of E.A.T.	Hours E.A.T. Available	Funding Sources	Helicopter Ambulance Service Provided by	Fixed Wing Ambulance Service Provided by
Alabama	FD/FP/HO/MD/PC/PO	A/C/O[1]	D/E/F/O[26]	24 hours	K/O[2]	HO/MP/PO	HO
Alaska	FD/FP/HO/PO	A/B/C/O[3]	D/E/F/G/H	24 hours	K/O[5]	CO/MP/PO	HO/PC/CO
Arizona	--	--	--	--	--	--	--
Arkansas	FP/HO/PO	A/B/C	D/E/F	24 hours	L	HO	PC/CO
California	FD/FP/HO/PC/PO	A/B/C	D/E/F/G/H	24 hours	K	CO/HO/PC/PO	Unknown
Colorado	FD/FP/HO/PO	B/C	D/E/G	24 hours	I/J/K	HO/MP	CO/HO/PC
Connecticut	FD/FP/HO/PO	A/B/C	D/E/F/G	24 hours	K	HO	--
Delaware	FP/HO	B	D/E/F/G/H	24 hours	I	PO	--
Florida	FD/FP/HO/MD/PO	A/B/C	E/F	24 hours	I/L	HO/MP	CO/HO
Georgia	FD/FP/HO/PC/PO	A/B/C	D/E/F	24 hours	K/L	HO/CO	CO/HO/PC
Hawaii	FD/FP/PO/O[4]	B	D/E	24 hours	K/O[5]	MP	CO/PC
Idaho	FD/FP/HO/PO	A/B	D/E/F/G	24 hours	K	CO/HO/MP	CO/HO
Illinois	HO	B	E/F	24 hours	I/K	HO/O[6]	CO/PC
Indiana	FP/HO/PO	A/B/C	D/E/F	24 hours	K	HO	HO/PC
Iowa	FD/FP/HO/PO/O[7]	A/B/C/O[8]	D/E/F/G/O[9]	24 hours	I/J	CO/HO/PC	CO/HO/PC

EXPLANATION OF SYMBOLS: -- = Information not provided

A = Direct access line to helicopter control center
B = Central or regional dispatching center
C = State or local police
D = Direct transportation to medical facility from scene
E = Interhospital transfers
F = Transportation from scene or hospital to specialty care center
G = Search and rescue
H = General police activities
I = Existing agency budgets
J = Special funding or account
K = Fee for services directed toward patient or third party
L = Private agency
O = Other (see footnotes)

* = Emergency Air Transportation

CO = Corporation
EMS= State EMS Office
FD = Fire Department
FP = Field EMS Personnel
HO = Hospital
MD = Doctor
MP = MAST Program
PC = Private Citizen
PO = State Police/Highway Patrol

State	E.A.T.* Made Available on Request by	Field Personnel Request E.A.T. Through	Primary Uses of E.A.T.	Hours E.A.T. Available	Funding Sources	Helicopter Ambulance Service Provided by	Fixed Wing Ambulance Service Provided by
Kansas	FP/HO/MD	A	E/F/G	24 hours	K/L	HO/MP	CO/HO/PC
Kentucky	FD/FP/HO/PC/PO	A/B/C	D/E/F/G	24 hours	I/K	HO/MP	CO/PC
Louisiana	FD/FP/HO/PC/PO	A/B	D/E/F	24 hours	K/L/O[10]	CO/HO/MP	--
Maine	O[11]	C	G	24 hours	K	O[12]	PC
Maryland	FD/FP/HO/PO	A/B/C	D/E/F/G/H	24 hours	I	PO	Not Applicable
Massachusetts	FD/FP/HO/PO	A/B/C	D/E/F	24 hours	I	HO/MP/O[13]	--
Michigan	FP/HO/PO	A/B/C	D/E/F/H	24 hours	K	HO/O[27]	--
Minnesota	HO/MD	A/C	E	24 hours	K	HO	CO
Mississippi	FP/HO/PC	A/B	D/E/F	24 hours	K	HO	CO/PC/O[14]
Missouri	--	--	D/E/F	24 hours	K	HO	CO/PC
Montana	FD/FP/HO/PC/PO	A/B/C	D/E/G	24 hours	K/L	CO/HO/PC	CO/HO/PC
Nebraska	FD/FP/HO/PO	A/B/C	D/E	24 hours	K/L	HO	CO/HO/PC
Nevada	FD/FP/HO/MD/PO	A/B/C	D/E/F/G	24 hours	K	HO	CO
New Hampshire	FP/HO/PO/O[15]	C/O[16]	D/E/F/G/H/O[17]	Daytime	K/L	CO/HO/PC/O[10]	CO/PC
New Jersey	PO	B/C	E/F/G/H	Daytime	I	PO	CO/PC

EXPLANATION OF SYMBOLS:

-- = Information not provided

* = Emergency Air Transportation

A = Direct access line to helicopter control center
B = Central or regional dispatching center
C = State or local police
D = Direct transportation to medical facility from scene
E = Interhospital transfers
F = Transportation from scene or hospital to specialty care center
G = Search and rescue
H = General police activities
I = Existing agency budgets
J = Special funding or account
K = Fee for services directed toward patient or third party
L = Private agency
O = Other (see footnotes)

CO = Corporation
EMS= State EMS Office
FD = Fire Department
FP = Field EMS Personnel
HO = Hospital
MD = Doctor
MP = MAST Program
PC = Private Citizen
PO = State Police/Highway Patrol

State	E.A.T.* Made Available on Request by	Field Personnel Request E.A.T. Through	Primary Uses of E.A.T.	Hours E.A.T. Available	Funding Source	Helicopter Ambulance Service Provided by	Fixed Wing Ambulance Service Provided by
New Mexico	FP/HO/PO	A/B/C	D/E/F/G	24 hours	K	HO/MP	CO/PC
New York	FP/PO	A/C	E	Daytime	I/J	CO/PO/PC	CO/PC
N. Carolina	HO	--	E	24 hours	I/O[18]	MP	--
North Dakota	HO	B/HO	D/E/F	24 hours	K	HO	CO/HO/PC
Ohio	FP/HO	--	D/E/F	--	K	HO	--
Oklahoma	FP/HO/PO/O[10]	B/C	D/E	24 hours	I/K	HO/MP	CO/PC
Oregon	FD/FP/HO/PC/PO	A	D/E/F/G	24 hours	K/L	CO/HO/MP/PC	CO/PC
Pennsylvania	FP/HO/PO/O[19]	B/C	D/E/F/G/H	24 hours[20]	I/K/L	CO/HO/PC/PO	CO/PC
Rhode Island	HO/PO	HO	D/E/F	24 hours	K	CO/O[21]	CO/PC/O[21]
S. Carolina	FP/HO/PO	A/C/MD	D/E	24 hours	J/O[22]	MP	CO/PC
South Dakota							
Tennessee	FP/HO	A/B/C	E/F	24 hours	K	HO/MP/O[27]	CO/HO/PC/O[23]
Texas	FD/FP/HO/PC/PO/O[24]	A/B/C	D/E/F	24 hours	K/L	CO/HO/MP	CO/PC
Utah	FD/FP/HO/PO	B/C/EMS	D/E/F/G	24 hours	K	HO/MP	CO/HO/PC
Vermont	HO	B	E/F	Daytime	K/MP	MP	CO

EXPLANATION OF SYMBOLS:

-- = Information not provided

A = Direct access line to helicopter control center
B = Central or regional dispatching center
C = State or local police
D = Direct transportation to medical facility from scene
E = Interhospital transfers
F = Transportation from scene or hospital to specialty care center
G = Search and rescue
H = General police activities
I = Existing agency budgets
J = Special funding or account
K = Fee for services directed toward patient or third party
L = Private agency
O = Other (see footnotes)

* = Emergency Air Transportation

CO = Corporation
EMS = State EMS Office
FD = Fire Department
FP = Field EMS Personnel
HO = Hospital
MD = Doctor
MP = MAST Program
PC = Private Citizen
PO = State Police/Highway Patrol

State	E.A.T.* Made Available on Request by	Field Personnel Request E.A.T. Through	Primary Uses of E.A.T.	Hours E.A.T. Available	Funding Sources	Helicopter Ambulance Service Provided by	Fixed Wing Ambulance Service Provided by
Virginia	FD/FP/HO/PO	B/C	D/E/F/G/H	24 hours	I/K	HO/PO/O[27]	CO/PC
Washington	FP/HO/PO	A/C	D/E/F/G	24 hours	I/K/O[10]	CO/HO/MP/PC	CO/HO/PC
West Virginia	MD	MD	D/E/F/G/H	Daytime	I	PO	O[25]
Wisconsin	FP/HO	A/O[21]	D/E/F	24 hours	K	HO/O[21]	CO/PC
Wyoming	FD/FP/HO/PO	A	D/E	24 hours	K	HO/MP	CO/HO/PC
D.C.	FD/FP/HO/PO	B/C	D/F/G/H	24 hours	I/L	HO/PO	--
Amer. Samoa							
Guam	O[10]	--	G	--	--	--	--
Puerto Rico							
Virgin Is.	HO/PC	Not Applicable	E	Until 10 p.m.	K	CO/O[28]	CO/PC

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Footnotes:

1. Toll-free number
2. MAST (federal)
3. Through a hospital or local medical clinic
4. MAST (on Oahu only)
5. MAST (military)
6. State Department of Transportation
7. Lease agreements
8. Telephone patch
9. Neonate transfers
10. Military
11. Air National Guard, and one timber company
12. Not provided, except by one timber company on its land
13. U.S. Coast Guard
14. Air Ambulance District
15. Civil Defense, National Guard, Pease Air Force Base
16. Military facilities - Aeronautic Commission; also by phone to helicopter service in Worcester, Massachusetts
17. Technological/natural disasters to critical care unit
18. MAST supplemented by the OEMS (radio and medical equipment)
19. Pennsylvania Emergency Management Agency
20. Emergency air transportation available through state police during daytime hours only
21. National Guard
22. Donation
23. State fixed wing
24. Industrial site
25. Finance and Administration Aviation Division
26. Organ transport and blood
27. City police
28. Navy, Coast Guard or National Guard, if in area and operational